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CLEARINGHOUSE
FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

TIONAL BUREAU OF STANDARDS / INSTITU LOGY

May 30, 1967 Volume 17, Number 10

TECHNICAL TRANSLATIONS

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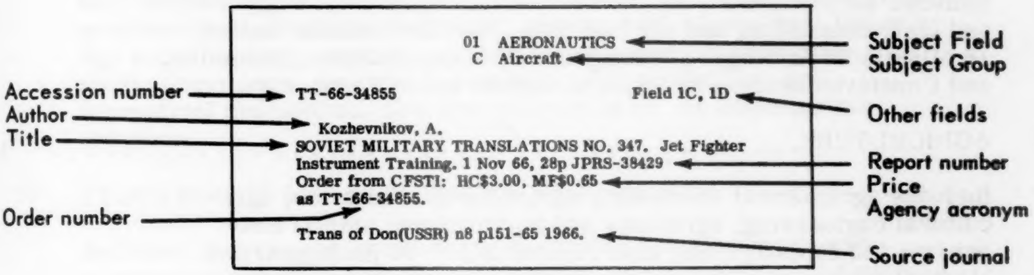

01 AERONAUTICS
C Aircraft

TT-66-34855 Field 1C, 1D

Kozhevnikov, A.
SOVIET MILITARY TRANSLATIONS NO. 347. Jet Fighter Instrument Training. 1 Nov 66, 28p JPRS-38429
Order from CFSTI: HC$3.00, MF$0.65
as TT-66-34855.

Trans of Don(USSR) n8 p151-65 1966.

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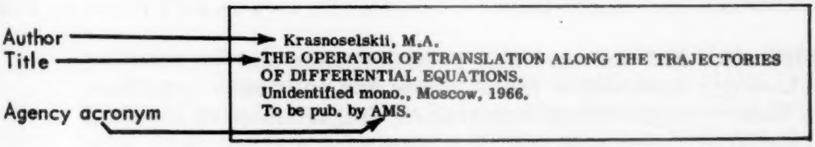

Krasnoselskii, M.A.
THE OPERATOR OF TRANSLATION ALONG THE TRAJECTORIES OF DIFFERENTIAL EQUATIONS.
Unidentified mono., Moscow, 1966.
To be pub. by AMS.

Author
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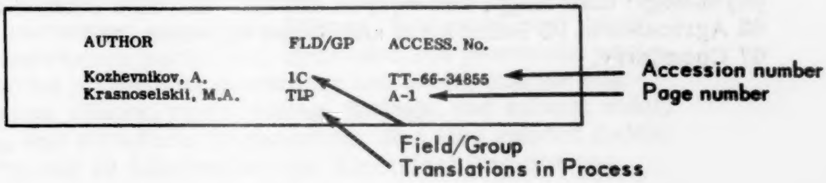

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02 AGRICULTURE. 1

Includes agricultural chemistry; agricultural economics; agricultural engineering; agronomy and horticulture; animal husbandry; and forestry. See also related field: 06 Biological and Medical Sciences.

03 ASTRONOMY AND ASTROPHYSICS 4

Includes astronomy; astrophysics; and celestial mechanics.

04 ATMOSPHERIC SCIENCES. 5

Includes atmospheric physics and meteorology.

05 BEHAVIORAL AND SOCIAL SCIENCES. 5

Includes administration and management; documentation and information technology; economics; history, law and political science; human factors engineering; humanities; linguistics; man-machine relations; personnel selection, training, and evaluation; psychology (individual and group behavior); and sociology. See also related field: 06 Biological and Medical Sciences.

06 BIOLOGICAL AND MEDICAL SCIENCES. 10

Includes biochemistry; bioengineering; biology; bionics; clinical medicine; environmental biology; escape, rescue, and survival; food; hygiene and sanitation; industrial (occupational) medicine; life support; medical and hospital equipment and supplies; microbiology; personnel selection and maintenance (medical); pharmacology; physiology; protective equipment; radiobiology; stress physiology; toxicology; and weapon effects. See also related fields: 02 Agriculture, 05 Behavioral and Social Sciences, and 07 Chemistry.

07 CHEMISTRY 19

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08 EARTH SCIENCES AND OCEANOGRAPHY 32

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09 ELECTRONICS AND ELECTRICAL ENGINEERING 35

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14 METHODS AND EQUIPMENT 53

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15 MILITARY SCIENCES. 54

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17 NAVIGATION, COMMUNICATIONS, DETECTION, AND COUNTERMEASURES 55

Includes acoustic detection; communications; direction finding; electromagnetic and acoustic countermeasures; infrared and ultraviolet detection; magnetic detection; navigation and guidance; optical detection; radar detection; and seismic detection. See also related fields: 09 Electronics and Electrical Engineering and 20 Physics.

18 NUCLEAR SCIENCE AND TECHNOLOGY. 56

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TECHNICAL TRANSLATIONS

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01 AERONAUTICS

A. Aerodynamics

TT-67-61394 Field 1A, 1B

Ostoslavskii, I. V.; Strazheva, I. V.
THE DYNAMICS OF FLIGHT STABILITY AND CONTROLLABILITY OF FLYING VEHICLES. 12 Dec 66, 700p, 31refs. FTD-HT-66-282; AD-649 421.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-649 421

Trans. of mono. Dinamika Poleta: Ustoichivost i Upravlyaemost Letatelnykh Apparatov, Moscow, 1965 467p.

C. Aircraft

NCH-207 119 Field 1C, 13H

Romansevich, V.
AUTOMATION AND THE TACTICAL COMMAND OF MILITARY AIRCRAFT (Avtomatizatzya Protzessov Upravlenya Avyatzei). Oct 66, 15p. RTS-3455.
Order from NLL: 12s 6d as RTS-3455

Trans. of Aviatsiya i Kosmonavtika (USSR) v48 n2 p31-5 1965.

TT-67-61412 Field 1C, 13A

Frid, Yu. V.
LIGHT-SIGNALING EQUIPMENT FOR THE LANDING OF MODERN AIRCRAFT (Svetosignalnoe Oborudovanie dlya Obesperchеniya Posadki Sovremennikh Samoletov). 1966, 12p, 4refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61412

Trans. of Svetotekhnika (USSR) v11 n9 p11-5 1965.

02 AGRICULTURE

TT-67-31249 Field 2-, 5A

Giosan, N.
TENTH ANNIVERSARY OF ACTIVITY OF THE FUNDULEA AGRICULTURAL RESEARCH INSTITUTE. 12 Apr 67, 16p. JPRS-40605.
Order from CFSTI OR ETC: HC$3.00, MF$0.65
as TT-67-31249

Trans. of Probleme Agricole (Rumania) n2 p4-15 1967.

A. Agricultural chemistry

NCH-207 080 Field 2A

Lindenwald, H. V. C.; Khawas, F. El.; Tawashi, R.
EFFECT OF MOISTURE ON THE PROPERTIES OF CORN STARCH PARTICLES. 1966, 11p. TC-2481.
Order from TC: $11.50 as TC-2481

Trans. of Society of Cosmetic Chemists. Journal (England) v16 p251-60 1965.

B. Agricultural economics

TT-67-31111 Field 2B, 2C

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 534.
30 Mar 67, 26p. JPRS-40466.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31111

TT-67-31119 Field 2B

Budzko, I.; Vainshtein, P.; Babaev, A.; Tenyaev, D.
USSR AGRICULTURE: TRANSLATIONS NO. 195.
31 Mar 67, 16p. JPRS-40474.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31119

Trans. from Selskaya Zhizn (USSR) 28 Feb p2; 4 Mar p3 1967 and of Mukomolno Elevatornaya Promyshlennost (USSR) n2 p6 1967.

TT-67-31130 Field 2B, 2C

USSR AGRICULTURE: TRANSLATIONS NO. 196.
3 Apr 67, 21p. JPRS-40485.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31130

TT-67-31155 Field 2B, 2D

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 536.
4 Apr 67, 36p. JPRS-40511.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31155

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EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 537.
6 Apr 67, 42p. JPRS-40550.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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NORTH VIETNAM: TRANSLATIONS NO. 144.
12 Apr 67, 21p. JPRS-40604.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31248

TT-67-61367 Field 2B, 2D

Stenz, G.
SOME THOUGHTS ON INTRODUCING COST ACCOUNTING PRINCIPLES IN THE INSTITUTES OF PLANT BREEDING OF THE GERMAN ACADEMY OF AGRICULTURAL SCIENCES. 1967, 9p. FS-Trans-550.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61367

Trans. of die Deutsche Landwirtschaft (East Germany) v16 n8 p378-81 1965.

Field 02 - AGRICULTURE

C. Agricultural engineering

TT-67-61446 Field 2C

Dzyba, V. I.
THE EFFECTIVENESS OF USING OSCILLATING MACHINE COMPONENTS. Tr. by William R. Gill. 1966, 7p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61446

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v6 n3 p83-7 1961.

TT-67-61447 Field 2C

Bredun, M. I.
THE DRAFT OF DIFFERENTLY COVERED PLOWS. Tr. by William R. Gill. 1966, 5p, 2refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61447

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v8 n7 p71-3 1963.

TT-67-61448 Field 2C

Gonchar, I. S.
WEARING PROPERTIES OF POLESIAN SOILS. Tr. by William R. Gill. 1966, 5p (some figs omitted).
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61448

Trans. of Selkhozmashina (USSR) n9 p21-2 1956.

TT-67-61449 Field 2C, 8M, 20K

Gutyar, E. M.
RESISTANCE OF WHEELS ROLLING IN RUTS. Tr. by William R. Gill. 1967, 11p, 4refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61449

Trans. of Selkhozmashina (USSR) n2 p23-5 1955.

TT-67-61450 Field 2C

Bobkov, I.
A SILICATE PLOW SHARE. Tr. by William R. Gill. 1966, 4p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61450

Trans. of Traktory i Selkhozmashiny (USSR) v30 p27-8 1960.

TT-67-61451 Field 2C

Dubrovski, A. A.
SCIENCE-TECHNOLOGICAL SOCIETY OF AGRICULTURE AND FORESTRY CENTRAL ADMINISTRATION. Tr. by William R. Gill. 1967, 20p (figs omitted) 14refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61451

Trans. of Unidentified mono., Moscow, 1955.

TT-67-61452 Field 2C

Vernikov, I. S.
SPEED OF MOVEMENT AND SINKAGE IN SOIL OF ROLLING WHEELS. Tr. by William R. Gill. 1967, 9p, 2refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61452

Trans. of Selkhozmashina (USSR) n8/9 p17-20 1940.

TT-67-61453 Field 2C

Kulebakin, P. G.; Arzhanykh, A. L.
TILLAGE TOOLS FOR DISK STUBBLE PLOWS FOR HIGH SPEED WORK. Tr. by William R. Gill. 1966, 6p, 5refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61453

Trans. of Traktory i Selkhozmashiny (USSR) v33 n11 p18-9 1963.

TT-67-61454 Field 2C, 12A

Poltavtsev, I. S.
THE THIRD TERM OF A RATIONAL EQUATION. Tr. by William R. Gill. 1966, 7p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61454

Trans. of Traktory i Selkhozmashiny (USSR) v28 n2 p32-4 1958.

TT-67-61455 Field 2C

Yarmashevich, Yu. I.
TRACTION DYNAMICS OF A FOUR WHEEL DRIVE TRACTOR. Tr. by William R. Gill. 1966, 7p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61455

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v20 n2 p13-5 1962.

TT-67-61456 Field 2C

Skotnikov, V. A.
TRAFFICABILITY OF TRACK-LAYING TRACTORS. Tr. by William R. Gill. 1966, 12p, 8refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61456

Trans. of Traktory i Selkhozmashiny (USSR) v33 n1 p4-7 1963.

TT-67-61457 Field 2C

Zaleski, S. K.
CORRECTING THE READINGS OF SOIL PENETROMETERS. Tr. by William R. Gill. 1966, 7p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61457

Trans. of Selkhozmashina (USSR) n9 p24-6 1956.

TT-67-61458 Field 2C

Gnilomedov, V. P.
THE BASIS OF NEW TOOL SHAPES FOR A ROW CROP CULTIVATOR FOR HIGH SPEED WORK. Tr. by William R. Gill. 1966, 13p, 3refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65

as TT-67-61458

Trans. of Traktory i Selkhozmashiny (USSR) v34 n4 p22-5 1964.

TT-67-61459 Field 2C

Kulebakin, P. G.; Densuk, Ya. M.; Kikin, A. A.
CONSIDERATION OF THE QUESTION OF THE DETERMINATION OF PLOW DRAFT IN RELATION TO THE PHYSICAL - MECHANICAL PROPERTIES OF THE SOIL. Tr. by William R. Gill. 1967, 4p.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61459

Trans. of Traktory i Selkhozmashiny (USSR) v31 n2 p18-9 1961.

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Bakhtin, P. U.; Volotskaya, V. P.; Nikolaev, I. N.
COEFFICIENT OF SOIL-METAL SLIDING FRICTION OF VARIOUS BASIC SOIL TYPES OF THE USSR. Tr. by William R. Gill. 1967, 9p, 3refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61460

Trans. of Traktory i Selkhozmashiny (USSR) v34 n6 p31-3 1964.

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Nikiforov, P. E.; Ivanov, E. A.
THE INCREASE OF SPEED OF SOIL CULTIVATION AND YIELDS. Tr. by William R. Gill. 1966, 11p.
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Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v9 n12 p72-8 1964.

TT-67-61464 Field 2C

Gyachev, L. V.
THE SHAPE OF PLOW BODIES FOR HIGH SPEED PLOWING. Tr. by William R. Gill. 1966, 12p, 4refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61464

Trans. of Traktory i Selkhozmashiny (USSR) v31 n2 p14-8 1961.

TT-67-61465 Field 2C

Nikiforov, P. E.
INVESTIGATION OF THE WORK OF TRACTOR PLOWS AT HIGH SPEED. Tr. by William R. Gill. 1966, 11p.
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Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v4 n7 p102-9 1959.

TT-67-61466 Field 2C

Brusentsev, A. I.
INVESTIGATION OF THE TRACTIVE CHARACTERISTICS OF TRACTORS WITH BULLDOZERS. Tr. by William R. Gill. 1967, 11p, 1ref.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of Traktory i Selkhozmashiny (USSR) v36 n11 p18-20 1966.

TT-67-61468 Field 2C

Kalyuzhnie, G. D.; Goikhman, M. M.
INVESTIGATION OF AN OSCILLATING PLOW BODY. Tr. by William R. Gill. 1966, 4p (figs omitted).
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61468

Trans. of Unidentified Russian language mono., n.p., n.d.

TT-67-61470 Field 2C, 20K

Dzyuba, V. I.
THE INFLUENCE OF OSCILLATIONS ON THE COEFFICIENT INTERNAL FRICTION SOIL. Tr. by William R. Gill. 1966, 4p, 3refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61470

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v21 n5 p50-1 1963.

D. Agronomy and horticulture

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Moshkov, B. S.
THE GROWTH OF PLANTS IN ARTIFICIAL CONDITIONS AS A METHOD OF REVEALING THEIR POTENTIAL PRODUCTIVITY (Vyrashchivanie Rastenii v Iskusstvennykh Usloviyak kak Metod Vyyavlenii yik Potentsyalnoi Produktivnost). Nov 66, 12p. RTS-3459.
Order from NLL: 25s as RTS-3459

Trans. of mono. Fotosintez i Voprosy Produktivnosti Rastenii, n.p., 1963 p138-48.

TT-66-59005/3 Field 2D, 8G, 8M

JOURNAL FOR SCIENTIFIC AGRICULTURAL RESEARCH, VOL. 19, NO. 66, 1966. Tr. by Bozidar Filipovic. 1966, 159p, refs.
SFCSI-Agr(TT-66-59005/3).
Order from CFSTI: $3.00 as TT-66-59005/3

Trans. of Arhiv za Poljoprivredne Nauke i Tehniku (Yugoslavia) v19 n66 p3-173 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31227 Field 2D

Gerdes, G.; Kress, H.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 539.
10 Apr 67, 126p. JPRS-40583.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31227

Trans. of Mezogazdasagi Ertesito (Hungary) v18 n8 p94-133 1967 and Internationale Zeitschrift der Landwirtschaft (East Germany) n6 p587-602 1966.

E. Animal husbandry

NCH-207 621 Field 2E

Guryanova, M. P.
TREATMENT OF DEMODECTIC MANGE IN DOGS

(Terapiya Demodekoza Sobak). Nov 66, 2p. RTS-3734.
Order from NLL: 5s as RTS-3734

Trans. of Gosudarstvennyi Zootekhnichesko-Veterinarnyi Institut. Trudy (USSR) v8 p163-4 1958.

TT-66-51142/2 Field 2E, 6C

Burlakov, N. M., ed.; Startsev, D. I., ed.
CATTLE HUSBANDRY. VOL. 2: ANATOMY, REPRODUCTION BIOLOGY, AND NUTRITION PHYSIOLOGY OF CATTLE. Tr. by M. Fleischmann. 1967, 340p. SFCSI-Agr(TT-66-51142/2).
Order from CFSTI: $3.00 as TT-66-51142/2

Trans. of mono. Skotovodstvo. v2: Anatomiya, Biologiya Razmnozheniya i Fiziologiya Pitaniya Krupnogo Rogatogo Skota, Moscow, 1961.

TT-67-31144 Field 2E, 2C

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 535. 4 Apr 67, 43p. JPRS-40500.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31144

TT-67-61461 Field 2E

Botija, C. S.
THE PRESENT STATUS OF AFRICAN SWINE FEVER. 1966, 17p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61461

Trans. of Noticias Neosan (sic) v127 p53-60, 63-72 Mar 65.

TT-67-61482 Field 2E, 6C

Ruomi, J.
BOVINE TICK-BORNE FEVER IN FINLAND. 1966, 8p, 15refs. NAMRU-Trans-143; NIH-7-71-65.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61482

Trans. of Suomen Elainlaakarilehti (Finland) v71 p1-13 1965.

TT-67-61492 Field 2E, 6C, 6M

Gerber, H.; Loehrer, J.
INFLUENZA A/EQUI-2 IN SWITZERLAND, IN 1965. III: SYMPTOMATOLOGY. 1. PURE VIRUS INFECTION. Tr. by H. Warfield. 1967, 18p, refs. NIH-3-13-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61492

Trans. of Zentralblatt fuer Veterinaermedizin. Reihe B (West Germany) v13 n5 p438-50 1965.

TT-67-61497 Field 2E, 6C

Paccaud, M. F.; Buerki, F.; Gerber, H.
INFLUENZA A/EQUI-2 IN SWITZERLAND IN 1965. I: ETIOLOGY. Tr. by J. Chapin. 1967, 12p, refs. NIH-3-24-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61497

Trans. of Zentralblatt fuer Veterinaermedizin. Reihe B (West Germany) v13 n5 p417-26 1965.

F. Forestry

TT-67-61364 Field 2F

Pahlitzsch, G.; Sommer, I.
PRODUCTION OF WOOD CHIPS WITH A CYLINDRICAL CUTTER. III. INFLUENCE OF ANGLE OF INCLINATION, OF BLADE AND OF DIRECTION OF CUT. 1967, 25p, refs. FPL-Trans-671.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61364

Trans. of Holz als Roh- und Werkstoff (West Germany) v24 n4 p158-66 1966.

TT-67-61369 Field 2F, 2B

LONG TERM PROSPECT OF DEMAND FOR FOREST PRODUCTS AND THE NATIONAL FOREST PLAN. 1967, 76p. FS-Trans-546.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61369

Trans. of Unidentified mono., Tokyo, 1962 57p.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-67-31078 Field 3A, 17H

CONSTRUCTION OF NEW RADIOTELESCOPE COMPLETED AT SERPUKHOV. 28 Mar 67, 5p. JPRS-40433.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31078

Trans. of Smena (USSR) n1 p17 1967.

B. Astrophysics

NCH-204 021 Field 3B, 6C

Bedenko, V. P.; Parshina, Z. S.; Suvorov, N. I.
THE EVOLUTION OF PLANT LANDSCAPES ON MARS (Problema Evolutsii Ratilelnykh Landshaftov na Marse). 7 Feb 66, 3p.
Order from TA: $4.50

Trans. from mono. Soveshchanie po Problemam Planetelogii (no. 5) 10-15 May 1965. Tezisy Dokladov, Leningrad, 1965 205p.

NCH-204 022 Field 3B

Derpgolts, V. F.
COMPOUNDS OF HYDROGEN AND OXYGEN ON BODIES IN THE SOLAR SYSTEM AND IN INTERPLANETARY SPACE (Soedineniya Vodoroda s Kislorodom na Telakh Solnechnoi Sistemy i v Mezhplanetnom Prostranstve). 7 Feb 66, 5p.
Order from TA: $7.50

Trans. from mono. Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 1965. Tezisy Dokladov, Leningrad, 1965 205p.

NCH-204 023 Field 3B

Bonev, N.
ON THE ORIGIN OF LUNAR CRATERS (O Proiskhozhdenii

Lunnykh Kraterov). 7 Feb 66, 4p.
Order from TA: $4.50

Trans. from mono. Soveshchanie po Problemam Planetologii (no. 5) 10-15 May 1965. Tezisy Dokladov, Leningrad, 1965 205p.

NCH-205 488 Field 3B, 20F

Dollfus, A.
POLARIZING FILTERS FOR OBSERVATION OF THE SOLAR CORONA. 24 Jun 66, 17p. ATS-52T91F.
Order from ATS: $24.85 as ATS-52T91F

Trans. of Revue d'Optique Theorique et Instrumentale (France) v35 n12 p625-40 1956.

C. Celestial mechanics

TT-67-61358 Field 3C

Duboshin, G. N.
INSTABILITY OF PERIODIC MOTIONS NEAR COLLINEAR POINTS OF LIBRATION IN THE RESTRICTED PROBLEM OF THREE BODIES, REPT. 4. 13 Feb 67, 15p, 7refs. RSIC-647; AD-649 044.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-649 044

Trans. of Astronomicheskii Zhurnal (USSR) v15 n3 p209-16 1938.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

NCH-203 076 Field 4A, 8C

Shnitnikov, A. V.
THE RELATION OF ATMOSPHERIC AND LITHOSPHERIC PHENOMENA TO IMBALANCES IN TIDAL FORCES (Sopryazhennost Yavlenii v Atmo- i Litosfere i Prilivnye Sili). 1965, 2p.
Order from TA: $2.00

Trans. from mono. Soveshchanie po Problemam Planetologii (no. 5), 10-15 May 1965. Tezisy Dokladov, Leningrad, 1965 205p.

TT-67-31217 Field 4A, 8N

Isaev, S. I.
POLAR REGION STUDIES IN GEOMAGNETISM AND AERONOMY. 10 Apr 67, 28p, refs. JPRS-40573.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31217

Trans. of mono. Vysokoshirotnye Issledovaniya v Oblasti Geomagnetizma i Aeronomii, Moscow/Leningrad, 1966 p3, 5-18, 52-7.

B. Meteorology

TT-67-31187 Field 4B, 8H

METEOROLOGY AND HYDROLOGY, NO. 1, 1967. 6 Apr 67, 96p, refs. JPRS-40543.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31187

Trans. of Meteorologiya i Gidrologiya (USSR) n1 p1-20, 28-39, 49-66 1967.

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-67-31190 Field 5A

Maerov, E.; Grosul, Ya.
WORK OF UZBEK AND MOLDAVIAN ACADEMIES OF SCIENCES REVIEWED. 6 Apr 67, 16p. JPRS-40546.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31190

Trans. from Pravda Vostoka (USSR) 7 Mar p2 1967 and of Sovetskaya Moldaviya (USSR) 14 Mar p2-3 1967.

TT-67-31232 Field 5A

NEAR EAST: TRANSLATIONS NO. 85. Review of Israeli Scientific Periodical: Mada, Vol. 11, No. 1/2/3 1966. 12 Apr 67, 66p. JPRS-40588.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31232

TT-67-31242 Field 5A, 5I

ORGANIZATION, ACTIVITIES AND PERSONNEL OF EAST EUROPEAN ACADEMIES OF SCIENCES NO. 1. 12 Apr 67, 11p. JPRS-40598.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31242

Trans. of Ikonomicheski Zhivot (Bulgaria) n9(27) p15 1967 and Magyar Tudomany (Hungary) n2 p115-7 1967.

TT-67-31245 Field 5A, 5I

ORGANIZATION, ACTIVITIES AND PERSONNEL OF THE EAST EUROPEAN ACADEMIES OF SCIENCES NO. 2. 12 Apr 67, 9p. JPRS-40601.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31245

Trans. of Magyar Tudomany (Hungary) v12 n1 p135-8 1967.

TT-67-61236 Field 5A, 5C, 5D

Matons, J. G. de.
THE ORGANIZATION OF THE PORT OF ABIDJAN, 2 NOV. 1965. 25 Jan 67, 190p. LN-397-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61236

Trans. of mono. l'Organisation du Port d'Abidjan, Senegal, 1965.

B. Documentation and information technology

TT-67-61343 Field 5B, 6E

Ciambellotti, E.
A CRITICAL EVALUATION OF A FILE CARD FOR RECORDING DATA ON TUMOR CASES. Tr. by H. Warfield. 1966, 8p, refs. NIH-11-18-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61343

Trans. of Minerva Medica (Italy) v56 n12 p4492-5 1965.

TT-67-61476 Field 5B

ATD CUMULATIVE INDEX, 1960-1964 (1 MARCH 1965): 1966 SUPPLEMENT. 20 Mar 67, 16p. AD-649 635.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-649 635

C. Economics

TT-67-31069 Field 5C, 7B, 20I

ACTIVITIES OF ACADEMIES OF SCIENCES REVIEWED. 28 Mar 67, 17p. JPRS-40424.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31069

Trans. from Sovetskaya Latviya (Latvian SSR) 28 Feb p1, 3 1967 and Kazakhstanskaya Pravda (USSR) 28 Feb p3 1967.

TT-67-31070 Field 5C, 13H, 5I

Rudnev, K. N.; Tyshkevich, N. I.
INDUSTRY AND EDUCATION COOPERATE IN SCIENTIFIC RESEARCH. 28 Mar 67, 11p. JPRS-40425.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31070

Trans. of Vestnik Vysshei Shkoly (USSR) v25 n1 p7-8, 54-7 1967.

TT-67-31072 Field 5C

BASIC TRENDS IN CONTEMPORARY SOVIET SCIENCE DISCUSSED BY ACADEMICIAN YA. V. PEIVE. 28 Mar 67, 9p. JPRS-40427.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31072

Trans. from Sovetskaya Latviya (Latvian SSR) 27 Dec p2 1966.

TT-67-31100 Field 5C, 5A

Slavchev, P.; Soelle, H.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 676. 29 Mar 67, 23p. JPRS-40455.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31100

Trans. of Finansi i Kredit (Bulgaria) n10 p26-32 1966 and Aussenhandel und Innerdeutsche Handel (East Germany) n1 6p 1967.

TT-67-31114 Field 5C, 5K, 17B

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 513. 31 Mar 67, 28p. JPRS-40469.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31114

TT-67-31117 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 70. 31 Mar 67, 48p. JPRS-40472.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31117

TT-67-31118 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 102. 31 Mar 67, 82p. JPRS-40473.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31118

TT-67-31128 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 103. 3 Apr 67, 31p. JPRS-40483.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31128

TT-67-31132 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 677. 3 Apr 67. 21p. JPRS-40487.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31132

TT-67-31134 Field 5C, 5I, 2B

MONGOLIA: TRANSLATIONS NO. 128. 3 Apr 67, 63p. JPRS-40489.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31134

TT-67-31147 Field 5C, 5D

AFRICA: TRANSLATIONS NO. 529. 4 Apr 67, 44p. JPRS-40503.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31147

TT-67-31148 Field 5C, 5D

CUBA: TRANSLATIONS NO. 573. 4 Apr 67, 27p. JPRS-40504.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31148

TT-67-31151 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 104. 4 Apr 67, 42p. JPRS-40507.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31151

TT-67-31152 Field 5C, 5F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 71. 4 Apr 67, 41p. JPRS-40508.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31152

TT-67-31156 Field 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 514. 4 Apr 67, 26p. JPRS-40512.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31156

TT-67-31157 Field 5C, 5D

AFRICA: TRANSLATIONS NO. 531. 4 Apr 67, 47p. JPRS-40513.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31157

TT-67-31158 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 72. 4 Apr 67, 42p. JPRS-40514.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31158

TT-67-31159 Field 5C

USSR ECONOMY AND INDUSTRY GENERAL INFORMATION NO. 105. 4 Apr 67, 17p. JPRS-40515.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31159

Trans. from Sovetskaya Latviya (Latvian SSR) 2 Mar p4; 3 Mar p1 1967 and Kommunist, Erevan (USSR) 25 Feb p3 1967.

TT-67-31164 Field 5C, 2B

AFRICA: TRANSLATIONS NO. 532. 4 Apr 67, 27p. JPRS-40520.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31164

TT-67-31177 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 328. 5 Apr 67, 28p. JPRS-40533.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31177

TT-67-31178 Field 5C, 10A, 6O

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 349. 5 Apr 67, 56p. JPRS-40534.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31178

TT-67-31179 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATION NO. 678. 5 Apr 67, 39p. JPRS-40535.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31179

TT-67-31196 Field 5C, 5I

AFRICA: TRANSLATIONS NO. 533. 6 Apr 67, 39p. JPRS-40552.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31196

TT-67-31198 Field 5C, 2B, 5K

AFRICA: TRANSLATIONS NO. 534. Survey of Economic and Sociological Development in the Central African Republic. 6 Apr 67, 76p. JPRS-40554.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31198

TT-67-31199 Field 5C, 5A

Sladek, J.; Svejkovski, J.; Gizdic, J.
ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 679. 7 Apr 67, 22p. JPRS-40555.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31199

Trans. of Ekonomicka Revue (Czechoslovakia) n1 p10-7 1967 and Tehnika (Yugoslavia) n3 p470-1 1967.

TT-67-31203 Field 5C

Yurev, N.; Zotova, L.; Lebed, A.; Aristakov, Yu.
USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 106. 7 Apr 67, 20p. JPRS-40559.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31203

Trans. from Ekonomicheskaya Gazeta (USSR) n8 p5; n11 p33 1967 and of Materialno Tekhnicheskoe Snabzhenie (USSR) Jan p11-6 1967.

TT-67-31228 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 680. 12 Apr 67, 24p. JPRS-40584.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31228

TT-67-31236 Field 5C

CUBA: TRANSLATIONS NO. 574. 12 Apr 67, 26p. JPRS-40592.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31236

TT-67-31240 Field 5C, 2B, 5I

NEAR EAST: TRANSLATIONS NO. 86. United Arab Republic. 12 Apr 67, 98p. JPRS-40596.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31240

D. History, law and political science

TT-67-31106 Field 5D, 2B

NORTH KOREA: TRANSLATIONS NO. 41. 29 Mar 67, 89p. JPRS-40461.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31106

TT-67-31110 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 959. 30 Mar 67, 34p. JPRS-40465.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31110

TT-67-31112 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 258. 31 Mar 67, 18p. JPRS-40467.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31112

TT-67-31115 Field 5D, 5I, 15C

THE NEAR EAST: TRANSLATIONS NO. 84. 31 Mar 67, 46p. JPRS-40470.
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as TT-67-31115

TT-67-31116 Field 5D

RED FLAG, NO. 4, 1967: TRANSLATIONS NO. 49. 31 Mar 67, 86p. JPRS-40471.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31116

Trans. of Hung Ch'i (Chinese People's Republic) n4 p3-52, 56-7 1967.

TT-67-31121 Field 5D

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 390. Information from the Red Guard Press. 31 Mar 67, 44p. JPRS-40476.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31121

TT-67-31125 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 259. Responsibility of Czech CP Members in Formulating and Implementing Party Policy Stressed. 31 Mar 67, 18p. JPRS-40480.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31125

TT-67-31133 Field 5D

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 391. Information from the Red Guard Press. 3 Apr 67, 26p. JPRS-40488.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31133

TT-67-31135 Field 5D

AFRICA: TRANSLATIONS NO. 528. 3 Apr 67, 20p. JPRS-40490.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31135

TT-67-31136 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 960. 3 Apr 67, 35p. JPRS-40491.
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TT-67-31139 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 260. 3 Apr 67, 18p. JPRS-40494.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31139

TT-67-31140 Field 5D

Radice, L. L.; Mea, L. D.; Valori, D.
INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 961. 3 Apr 67, 19p. JPRS-40495.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31140

TT-67-31145 Field 5D

SOUTH AND EAST ASIA: TRANSLATIONS NO. 149. 4 Apr 67, 26p. JPRS-40501.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31145

TT-67-31150 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 530. 4 Apr 67, 31p. JPRS-40506.
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as TT-67-31150

TT-67-31153 Field 5D

RED FLAG, NO. 4, 1967: TRANSLATIONS NO. 50. 4 Apr 67, 7p. JPRS-40509.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31153

Trans. of Hung Ch'i (Chinese People's Republic) n4 p53-5 1967.

TT-67-31165 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (20-26 MAR 67): INDEX NO. 360. 1967, 13p. JPRS-40521.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31165

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TT-67-31169 Field 5D

COMMUNIST CHINA DIGEST NO. 182. 5 Apr 67, 135p. JPRS-40525.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31169

TT-67-31183 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 261. 6 Apr 67, 38p. JPRS-40539.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31183

TT-67-31186 Field 5D, 5C, 2B, 13B

Pham Hung; Nguyen Thi Thap; Tran Danh Tyen; Ha Ke Tan; Tran Doc.
STUDIES, NO. 2, 1967. 6 Apr 67, 115p. JPRS-40542.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31186

Trans. of Hoc Tap (North Vietnam) n2 p1-60, 80 1967.

TT-67-31188 Field 5D

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 392. 6 Apr 67, 29p. JPRS-40544.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31188

TT-67-31192 Field 5D

SOVIET PRESS MATERIALS ON ARMS CONTROL AND DISARMAMENT NO. 10. 6 Apr 67, 52p. JPRS-40548.
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as TT-67-31192

TT-67-31195 Field 5D, 5K

NORTH VIETNAM: TRANSLATIONS NO. 141. 6 Apr 67, 25p. JPRS-40551.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31195

TT-67-31220 Field 5D, 5C, 5I

AFRICA: TRANSLATIONS NO. 535. 10 Apr 67, 26p. JPRS-40576.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31220

TT-67-31230 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 962. 12 Apr 67, 89p. JPRS-40586.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31230

TT-67-31231 Field 5D, 5I

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 393. Information from the Red Guard Press. 12 Apr 67, 37p. JPRS-40587.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31231

TT-67-31237 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 963. 12 Apr 67, 36p. JPRS-40593.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31237

TT-67-31243 Field 5D

AFRICA: TRANSLATIONS NO. 538. 12 Apr 67, 22p. JPRS-40599.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31243

F. Humanities

TT-67-31071 Field 5F, 5R

PROFESSOR CHERKINSKII HONORED AND LENIN PRIZE NOMINEES LISTED. 28 Mar 67, 9p. JPRS-40426.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31071

Trans. of Gigiena i Sanitariya (USSR) v32 n2 p120 1967 and from Pravda, Moscow (USSR) 23 Feb p2 1967.
For another listing of Gigiena i Sanitariya (USSR) see TT v16 n4.

I. Personnel selection, training and evaluation

TT-67-31129 Field 5I

USSR LABOR: TRANSLATIONS NO. 169. 3 Apr 67, 53p. JPRS-40484.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31129

TT-67-31204 Field 5I

USSR LABOR: TRANSLATIONS NO. 170. 7 Apr 67, 43p. JPRS-40560.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31204

TT-67-31218 Field 5I, 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 427. 10 Apr 67, 61p. JPRS-40574.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31218

TT-67-31241 Field 5I, 2E, 5D

NORTH VIETNAM: TRANSLATIONS NO. 143. 12 Apr 67, 32p. JPRS-40597.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31241

TT-67-31244 Field 5I

USSR LABOR: TRANSLATIONS NO. 171. 12 Apr 67, 28p. JPRS-40600.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31244

Trans. from Ekonomicheskaya Gazeta (USSR) Mar 8p 1967 and Rabochaya Gazeta (USSR) 16 Mar p2 1967.

J. Psychology (Individual and group behavior)

TT-67-31105 Field 5J, 5K

Smolyak, A. V.; Gurvich, I. S.
SOVIET ETHNOGRAPHY, NO. 3, 1963: SELECTED ARTICLES. 29 Mar 67, 26p. JPRS-40460.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31105

Trans. of Sovetskaya Wtnografiya (USSR) n3 p21-41 1963.

TT-67-61487 Field 5J

Michon, J. A.
THE PERCEPTION OF DURATION. 1967, 30p, refs. NIH-3-11-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61487

Trans. of Nederlands Tijdschrift voor Psychologie en haar Grensgebieden, v20 n7 p391-418 1965.

TT-67-61489 Field 5J

Krueger, A. M.
ON THE RELATION OF THE CHILD TO THE ANIMAL.

1967, 48p, 31refs. NIH-3-28-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61489

Trans. of Zeitschrift fuer Angewandte Psychologie (Germany) n47 p9-64 1934.

K. Sociology

TT-67-31193 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 426. 6 Apr 67, 24p. JPRS-40549.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31193

06 BIOLOGICAL AND MEDICAL SCIENCES

TT-67-31211 Field 6-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIO-MEDICAL NO. 199. 7 Apr 67, 95p. JPRS-40567.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31211

TT-67-31124 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 67. 31 Mar 67, 70p. JPRS-40479.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31124

A. Biochemistry

NCH-205 036 Field 6A

Sommer, H.
THE PHYSIOLOGICAL FATE OF THE METHANOL LIBERATED FROM PECTIN. 1967, 6p. TC-1920.
Order from TC: $6.00 as TC-1920

Trans. of Industrielle Obst- und Gemueseverwertung (West Germany) v47 p172-3 1962.

NCH-205 066 Field 6A

Grubhofer, N.
THE COUPLING OF PROTEINS WITH DIAZOTIZED POLYAMINOSTYRENE. 1967, 8p. TC-2108.
Order from TC: $7.00 as TC-2108

Trans. of Hoppe-Seyler's Zeitschrift fuer Physiologisches Chemie (West Germany) v297 p108-12 1954.

NCH-207 633 Field 6A, 6C

Machida, Y.
CATALYTIC ISOMERIZATION OF GLUCOSE BY CELLS. 1967, 12p. TC-2653.
Order from TC: $13.00 as TC-2653

Trans. of Dempunto Gijutsu Kenkyu Kaiho (Japan) p9-14 1966.

NCH-207 875 Field 6A

Tomotara Sato.
THE ENZYME FOR THE ISOMERIZATION OF GLUCOSE. 5 Dec 66, 18p. TC-3060.
Order from TC: $16.00 as TC-3060

Trans. of Dempunto Gijutsu Kenkyu Kaiko (Japan) n32 p81-8 1965.

NCH-207 912 Field 6A

Wallenfels, K.
INVESTIGATION OF PULLULAN. IV. EXPLANATION OF STRUCTURE BY PHYSICAL, CHEMICAL AND ENZYMIC METHODS. 1967, 23p. TC-3141.
Order from TC: $16.00 as TC-3141

Trans. of Biochemische Zeitschrift (West Germany) v341 n5 p433-50 1965.

NCH-207 913 Field 6A

Wallenfels, K.; Rached, I. R.
CRYSTALLIZATION AND STEREOSPECTIFICITY OF PULLANASE FROM AEROBACTER AEROGENES. 1967, 3p. TC-3142.
Order from TC: $3.00 as TC-3142

Trans. of Biochemische Zeitschrift (West Germany) v344 n5 p524-6 1966.

TT-67-31216 Field 6A

Abduvakhabov, A. A.; Godovikov, N. N.; Kabachnik, M. I.; Mikhailov, S. S.; Rozengart, V. I.
ANTICHOLINE ESTERASE PROPERTIES O-H-ALKYL-S-BUTIL METHYL THIOPHOSPHANATES. 10 Apr 67, 7p, 12refs. JPRS-40572.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31216

Trans. of Akademiya Nauk SSSR. Doklady, v171 n4 p857-9 1966.

TT-67-61295 Field 6A, 6C

Lombardi, L.
THE STRUCTURE OF MITOCHONDRIAL CRISTAE OF THE KIDNEY OF MOUSE AFTER ALDEHYDE FIXATION. Tr. by Z. Knowles. 1966, 25p, refs. NIH-1-26-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61295

Trans. of Journal de Microscopie (France) v5 p453-70 1966.

TT-67-61344 Field 6A, 6O

Rusconi, A.; Calendi, E.
EFFECTS OF DAUNOMYCIN ON THE SYNTHESIS OF NUCLEIC ACIDS IN HEPATOMA CELLS. Tr. by H. Warfield. 1966, 8p, refs. NIH-11-20-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61344

Trans. of Tumori (Italy) v50 n4 p261-6 1964.

TT-67-61345 Field 6A, 6C

Georgescu, C.
A STUDY OF NUCLEIC ACIDS IN THE CEREBRUM, CEREBELLUM, AND LIVER AS A FUNCTION OF ANIMAL AGE AND UNDER THE INFLUENCE OF TREATMENT WITH VITAMIN B_6 AND FOLIC ACID.

1966, 6p, refs. NIH-11-21-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61345

Trans. of Academia Republicii Populare Romine. Institutul de Medicina Interna. Studii si Cercetari de Medicina Interna (Rumania) v5 n4 p437-41 1964.

TT-67-61346 Field 6A

Vaisler, L.; Costiner, E.
THE EPIPHYSEAL HORMONE: A LIVER PROTECTING FACTOR. 1966, 10p, refs. NIH-11-22-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61346

Trans. of Academia Republicii Populare Romine. Institutul de Endocrinologie. Studii si Cercetari de Endocrinologie (Rumania) v14 p657-64 1963.

TT-67-61352 Field 6A, 6E

Hohorst, H. J.; Ziemann, A.; Brock, N.
ALKYLATING SUBSTANCES IN SERUM AND URINE AFTER THE INJECTION OF CYCLOPHOSPHAMIDE. 1966, 6p, refs. NIH-12-5-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61352

Trans. of Arzneimittel-Forschung (West Germany) v15 n4 p432-4 1965.

TT-67-61428 Field 6A

Merwe, A. le R. van der.
THE SUPPLY AND DEMAND FOR ASCORBIC ACID AT THE SOUTH AFRICAN ANTARCTIC BASE, 1960 (Die Voorsiening en Verbruik van Askorbinasuur by die Suid-Afrikanaanse Antarktiese Basis, 1960).
Tr. by Tatiana Boldyreff. 1966, 10p (figs and refs omitted) NMS-Trans-1162.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61428

Trans. of South African Medical Journal, v36 p751-4 1962.

C. Biology

NCH-206 923 Field 6C, 6A

Florovskaya, V. N.
THE GEOCHEMICAL ORIGINS OF LIFE. Jun 66, 17p, 30refs. RTS-3230.
Order from NLL: 25s as RTS-3230

Trans. of Moscow Univ. Vestnik. Seriya 4: Geologiya (USSR) n2 p3-12 1964.

NCH-207 114 Field 6C, 2D

Pavlova, N. M.
POSSIBILITIES OF PRODUCING BLACK CURRENT VARIETIES RESISTANT TO BIG BUD MITE (Vozmozhnosti Sozdaniya Ustoichivykh k Pochkovomu Kleshchu Sortov Chernoi Smorodiny). Nov 66, 13p, refs. RTS-3702.
Order from NLL: 20s as RTS-3702

Trans. of Trudy po Prikladnoi Botanike, Genetike i Selektsii (USSR) v36 n3 p94-102 1964.

NCH-207 138 Field 6C

Eglite, A.; Folkmane, A. R.
EFFECT OF VAPAM ON MICROBIOLOGICAL PROCESSES IN SOIL (Vliyanie Vapama na Mikrobiologicheskie Protsessy Pochvy). 1966, 5p.
ODF-tr-70; NRC-C-6268.
Order from NRC as C-6268

Trans. of Lesnoe Khozyaistvo (USSR) n5 p45-6 1965.

NCH-207 442 Field 6C

Obrucheva, N. V.
THE PHYSIOLOGY OF GROWING ROOT CELLS. Nov 66. 160p, refs. RTS-3485.
Order from NLL: 40s as RTS-3485

Trans. of mono. Fiziologiya Rastvshchikh Kletok Kornya, Moscow, 1965.

NCH-207 444 Field 6C

Barabik, E. A.; Kakhnenka, S. V.
DISEASES OF THE EEL (ANGUILLA ANGUILLA L) Khvaroby Vugra (Anguilla Anguilla L)). Sep 66, 11p, 14refs. RTS-3349.
Order from NLL: 17s 6d as RTS-3349

Trans. of Akademiya Navuk BSSR, Minsk. Vestsi. Seriya Biyalagichnykh Navuk, n2 p100-6 1961.

NCH-207 447 Field 6C

Pobedimova, E.
GENUS CAKILE MILL. (PARS SPECIALIS) (Rod Cakile Mill. (Spetsialnaya Chast). Sep 66, 43p. RTS-3367.
Order from NLL: 40s as RTS-3367

Trans. of mono. Novosti Sistematiki Vyss. Rast., n.p., 1964 p90-128.

NCH-207 458 Field 6C

Agababyan, V. Sh.
A STUDY IN POLLEN MORPHOLOGY OF THE GENUS RIBES L. (K Palinomorfologii Roda Ribes L.). Sep 66, 10p, 16refs. RTS-3278.
Order from NLL: 15s as RTS-3278

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Izvestiya. Biologicheskie Nauki, v16 n4 p93-8 1963.

NCH-207 459 Field 6C

Zoz, N. N.; Makarova, S. I.
CYTOLOGICAL ANALYSIS OF THE MUTAGENIC EFFECT OF NITROSOETHYLUREA AND NITROSOMETHYL- UREA (Tsitologicheskii Analiz Mutagennogo Deistviya Nitrozoetilmocheviny i Nitrozometilmocheviny). Sep 66, 7p. RTS-3309.
Order from NLL: 7s 6d as RTS-3309

Trans. of Tsitologiya (USSR) v7 n3 p405-8 1965.

NCH-207 470 Field 6C

Chernov, Yu. I.
A STUDY OF THE ANIMALS INHABITING ARCTIC TUNDRA SOILS OF YAKUTIA (Kizucheniyu Zhivotnogo Naseleniya

Pochy Arkticheskikh Tundr Yakutii). Jun 66, 13p, refs.
RTS-2230.
Order from NLL: 20s as RTS-2230

Trans. of Zoologicheskii Zhurnal (USSR) v40 n3 p326-32 1961.

NCH-207 473 Field 6C

Belynskaya, E. V.
RETARDING THE WILTING OF CUT TULIPS (Saderzhka Uvyadaniya Srezannykh Tsvetkov Tyulpanov). Jun 66, 9p, refs. RTS-3333.
Order from NLL: 15s as RTS-3333

Trans. of Glavnyi Botanicheskii Sad, Pushkinskoe. Byulleten (USSR) n53 p47-52 1964.

NCH-207 479 Field 6C

Romadina, E. S.
A STUDY OF ZOO PLANKTON OF THE VOLGA RIVER, USING SAMPLES COLLECTED AT THE CONSTRUCTION SITE OF THE GORKII POWER STATION IN 1953-1955 (Zooplankton r. Volgi na Uchastke Stroitelstva Gorkovskoi GES po Sboram 1953-1955.). Jun 66, 8p, refs. RTS-2930.
Order from NLL: 12s 6d as RTS-2930

Trans. of mono. Soveshchaniya po Problemam Biologii Vnutrennikh Vod, Leningrad, 1959 p347-51.

NCH-207 599 Field 6C

Kleinenberg, S. E.; Klevezal, G. A.
AGE DETERMINATION IN MAMMALS BY THE STRUCTURE OF TOOTH CEMENT (Opredelenie Vozrasta Mlekopitayushchikh po Strukture Tsementa Zubov). Nov 66, 16p, refs. RTS-3725.
Order from NLL: 20s as RTS-3725

Trans. of Zoologicheskii Zhurnal (USSR) v45 n5 p717-24 1966.

NCH-207 838 Field 6C, 6J

Niepolomski, W.; Sosnierz, M.
PATHOMORPHOLIGIC CHANGES IN THE LUNGS OF RATS INDUCED BY DEPOSITED INDUSTRIAL DUST. 5 Dec 66, 13p. TC-2957.
Order from TC: $8.50 as TC-2957

Trans. of Patologia Polska, v16 p43-51 1965.

NCH-207 906 Field 6C

Medvedev, A. I.; Kretovich, V. L.
TWO ROUTES TO LYSINE IN HIGHER PLANTS. 1967, 11p. TC-3119.
Order from TC: $8.50 as TC-3119

Trans. of Biokhimiya (USSR) v31 n4 p659-65 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61348 Field 6C, 6A

Le-Xuan-Chat, Ebbe, S.; Baldini, M.
TEST OF THROMBOPOIETIC ACTIVITY OF PLASMA FILITRATE IN RECEPTOR RATS. Tr. by H. Warfield. 1966, 21p, 29refs. NIH-11-24-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61348

Trans. of Nouvelle Revue Francaise d'Hematologie, v3 n4 p405-19 1963.

TT-67-61408 Field 6C

Hasek, M.
PARABIOSIS OF BIRDS DURING EMBRYONIC DEVELOPMENT. Tr. by P. DePorte. 1966, 4p, refs. NIH-10-3-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61408

Trans. of Ceskoslovenska Biologie, v2 n1 p29-31 1953.

TT-67-61415 Field 6C

Eckstein, F.
ON IMMUNITY IN INSECTS (Ueber Immunitaet bei Insekten). 1966, 12p (foreign text included, figs omitted) 13refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61415

Trans. of Anzeiger fuer Schaedlingskunde Vereinigt mit Schaedlingsbekampfung (West Germany) v7 n5 p49-55 1931.

TT-67-61418 Field 6C

Cerny, V.; Kratochvilova-Kralova, E.
DEVELOPMENT OF THE TICK HAEMAPHYSALIS CONCINNA IN NATURAL CONDITIONS OF SOUTHERN MORAVIA (CZECHOSLOVAKIA). 1965, 4p. NAMRU-Trans-179; NIH-12-29-65.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61418

Trans. of Zoologicke Listy (Czechoslovakia) v12 n3 p259-61 1963.

TT-67-61471 Field 6C

Buchner, R.
COMPARATIVE INVESTIGATIONS ON THE ANTIBACTERIAL EFFECT OF FLORAL AND HONEYDEW HONEYS (Vergleichende Untersuchungen Ueber die Antibakterielle Wirkung von Blueten- und Honigtauhonigen). Feb 67, 2p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61471

Trans. of Suedwestdeutscher Imker (West Germany) v18 p240-1 1966.

TT-67-61473 Field 6C

Halberstadt, K.
PROTEINS OF THE HYPOPHARYNGEAL GLANDS OF WORKER BEES. I. COMPARISON BY ELECTROPHORESIS OF THE PROTEINS FROM SUMMER BEES, WINTER BEES AND CAGED BEES (Ueber die Proteine der Hypopharynxdruese der Bienenarbeiterin. I. Elektrophorethischer Vergleisch von Sommer-, Winter- und Gekaefigten Bienen). Feb 67, 7p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61473

Trans. of Annales de l'Abeille (France) v9 n2 p153-63 1966.

TT-67-61474 Field 6C

Orosi-Pal, Z.
THE EFFECT OF ROYAL JELLY ON THE DEVELOPMENT OF NOSEMA APIS (Die Wirkung des Weiselfuttersaftes auf die Nosemaentwicklung). Feb 67, 2p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61474

Trans. of Zeitschrift fuer Bienenforschung (West Germany) v8 n5 p178-80 1966.

TT-67-61475 Field 6C

Wille, H.; Vecchi, M. A.
STUDIES ON THE HEMOLYMPH OF THE BEE (APIS MELLIFERA L.). PT. 1: BLOOD SMEARS OF THE ADULT SUMMER BEE (Etudes sur l'Hemolymphe de l'Abeille (Apis Mellifica L.). 1re Partie: les Frottis de Sang de l'Abeille Adulte d'Ete). Jan 67, 19p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61475

Trans. of Schweizerische Entomologische Gesellschaft. Mitteilungen, v39 n1/2 p69-97 1966.

TT-67-61485 Field 6C

Ruckebusch, Y.
E.E.G. AND BEHAVIORAL STUDIES ON THE WAKEFULNESS-SLEEP ALTERNATIONS IN THE DONKEY. Tr. by H. Warfield. 1967, 6p (some figs omitted) 5refs. NIH-3-19-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61485

Trans. of Societe de Biologie et de ses Filiales. Comptes Rendus des Seances (France) v157 n1/6 p840-4 1963.

TT-67-61490 Field 6C

Terentev, P. V.
EXPERIMENT IN THE USE OF VARIANCE ANALYSIS ON THE QUALITATIVE WEALTH OF THE TERRESTRIAL VERTERBRATE FAUNA OF THE USSR. Tr. by P. DePorte. 1967, 12p, refs. NIH-3-5-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61490

Trans. of Leningrad Univ. Vestnik (USSR) v18 n21, Seriya Biologii, n4 p19-26 1963.

TT-67-61496 Field 6C

Klein, M.; Michel, F.; Jouvet, M.
POLYGRAPHIC STUDY OF SLEEP IN BIRDS. Tr. by H. Warfield. 1967, 7p, 5refs. NIH-3-20-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61496

Trans. of Societe de Biologie et de ses Filiales. Comptes Rendus des Seances (France) v158 n1/6 p99-103 1964.

TT-67-61498 Field 6C

Frenkel, S. Ya.; Kukhareva, L. V.; Ginzburg, B. M.; Gasparian, K. S.; Vorobev, V. I.
EFFECT OF STRESS ON ORDER-DISORDER TRANSFER IN UNTREATED COLLAGEN FIBERS. Tr. by Z. Knowles. 1967, 11p, 20refs. NIH-3-22-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61498

Trans. of Biofizika (USSR) v10 n5 p735-42 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61502 Field 6C

Nicaise, G.; Garrone, R.; Ceccatty, M. P. de.
MEMBRANOUS ASPECTS OF THE FIBROBLAST IN THE COURSE OF THE GENESIS OF COLLAGEN IN GLOSSODORIS (GASTROPODA, OPISTHOBRANCHIA). Tr. by Z. Knowles. 1967, 6p (figs omitted) refs. NIH-3-29-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61502

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v262D p2248-50 1966 (pub. by Gauthier-Villars et Cie., Paris).

TT-67-61503 Field 6C

Poul, J.
DIAGNOSIS OF GENERALIZED CANINE LEISHMANIASIS BY INVESTIGATION OF LEISHMANIA IN THE NASAL MUCUS AND IN THE TESTICLE. 1965, 2p, 2refs. NIH-7-58-65; NAMRU-Trans-146.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61503

Trans. of Institut Pasteur d'Algerie. Archives, v27 n4 p315-6 1949.

TT-67-61523 Field 6C

Goetze, G.; Eberhardt, F.; Zeutzschel, B.
EXPERIMENTS ON THE SPONTANEOUS CURE AND TREATMENT OF NOSEMA DISEASE OF THE HONEY BEE. RESULTS OF A RESEARCH COMMISSION DISCHARGED BY AUTHORIZATION OF THE FEDERAL MINISTER OF FOOD, AGRICULTURE AND FORESTRY FOR 1956 to 1958. 1967, 31p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61523

Trans. of mono. Versuche zur Selbstheilung und Therapie der Nosematose der Honigbiene. Ergebnisse eines Forschungsauftrages durchgefuehrt im Auftrage des Herrn Bundesministers fuer Ernaehrung, Landwirtschaft und Forsten 1956-1958, Bonn, 1959 51p.

TT-67-61524 Field 6C, 6A

Devys, M.; Barbier, M.
ON THE CHOLESTEROL OF THE POLLEN OF CAT'S-EAR HYPOCHOERIS RADICATA (Sur le Cholesterol du Pollen de la Porcelle Hypochoeris Radicata). 1967, 2p, 7refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61524

Trans. of Phytochemistry (England) v5 p1031-3 1966.

D. Bionics

TT-67-31101 Field 6D

Andrievskyi, S.; Galuznska, V.
RECENT DEVELOPMENTS IN CYBERNETICS.
29 Mar 67, 15p. JPRS-40456.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31101

Trans. of Znannya ta Pratsya (USSR) n11 p4-5, 14-6
1966.

TT-67-31166 Field 6D, 5J

Bzhalava, I. T.
PSYCHOLOGY OF SETS AND CYBERNETICS
(SELECTED PORTIONS). 4 Apr 67, 68p. JPRS-40522.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31166

Trans. of mono. Psikhologiya Ustanovki i Kibernetiki,
Moscow, 1966 p3-19, 141-72.

E. Clinical medicine

NCH-207 453 Field 6E

Efuni, S. N.
CEREBRAL ELECTRICAL ACTIVITY IN THERAPEUTIC
ANAESTHESIA (Sostoyanie Electricheskoi Aktivnosti
Mosga v Usloviyakh Lechebnovo Narkoza). Sep 66, 5p,
11refs. RTS-3543.
Order from NLL: 5s as RTS-3543

Trans. of Eksperimentalnaya Khirurgiya i Anesteziologiya
(USSR) v7 n4 p81-2 1962.

TT-66-59006/6 Field 6E

MEDICAL JOURNAL, VOL. 88, NO. 6, 1966. 1967, 72p,
refs. SFCSI-HEW-NLM(TT-66-59006/6).
Order from CFSTI: $3.00 as TT-66-59006/6

Trans. of Lijecnicki Vjesnik (Yugoslavia) v88 n6
p607-711 1966.
For another listing of this journal see "Translated or
Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31090 Field 6E

Berezkin, D. P., Mitrofanova, N. M.; Khusu, A. P.;
Gorodilova, V. V.; Epshtein, I. M.
RECENT SOVIET RESEARCH IN ONCOLOGY. 28 Mar 67,
34p, refs. JPRS-40445.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31090

Trans. of Voprosy Onkologii (USSR) v12 n7 p17-22, 40-4;
n8 p61-4; n10 p123-4; n11 p44-5, 126 1966.

TT-67-31131 Field 6E, 5I

ALBANIA: PRESS INFORMATION REPORT NO. 205.
3 Apr 67, 11p. JPRS-40486.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31131

TT-67-31137 Field 6E

Monceviciute-Eringiene, E.
CANCER AND FILTRABLE FORMS OF CELLS.
3 Apr 67, 15p, 119refs. JPRS-40492.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31137

Trans. of Sveikatos Apsauga (Lithuanian SSR) n8 p43-8
1963.

TT-67-31182 Field 6E, 6M

Groniowski, J.
USE OF THE ELECTRON MICROSCOPE TECHNIQUE
IN ONCOGENIC VIROLOGY. 5 Apr 67, 10p, 30refs.
JPRS-40538.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31182

Trans. of Postepy Higieny i Medycyny Doswiadczalnej
(Poland) v19 p77-82 Jan-Feb 1965.

TT-67-61340 Field 6E

Foelling, A.
EXCRETION OF PHENYL PYRUVATE IN URINE AS
METABOLIC ANOMALY RELATED TO IMBECILITY.
Tr. by J. Chapin. 1966, 8p, 8refs. NIH-11-9-66.

Trans. of Hoppe Seyler's Zeitschrift fuer Physiologische Chemie (West Germany) v227 p169-76 1934.

TT-67-61347 Field 6E, 6M

Athanasiu, P.; Surdan, C.; Sarateanu, D.;
Poescu-Danescu, G.; Stefanescu, I.
INVESTIGATIONS OF THE VIRAL ETIOLOGY OF
CERTAIN CHRONIC PNEUMOPATHIES. 1966, 5p
(figs omitted) refs. NIH-11-23-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61347

Trans. of Academia Republicii Populare Romine.
Institutul de Inframicrobiologie. Studii si Cercetari
de Inframicrobiologie (Rumania) v14 p213-6 1963.

TT-67-61350 Field 6E

Salvadori, B.; Pápadia, S.
IS THE BIRTH WEIGHT INCREASE A SIGN OF
ACCELERATED HUMAN DEVELOPMENT. Tr. by
N. Warfield. 1966, 5p, refs. NIH-11-26-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61350

Trans. of Minerva Pediatrica (Italy) v17 n2 p1196-8
1966.

TT-67-61351 Field 6E

Aicardi, G.; Rugiati, S.
OBSERVATIONS ON THE WEIGHT OF NEWBORNS IN
SASSARI FROM 1933-TO 1963: A CLINICO STATISTICAL
CONTRIBUTION TO THE STUDY OF PRENATAL
ACCELERATION OF GROWTH. Tr. by P. DePorte. 1966,
16p, refs. NIH-12-2-66.

Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61351

Trans. of Minerva Pediatrica (Italy) v17 n16 p936-42 1965.

TT-67-61353 Field 6E

Kozic, M.; Franjic, J.
OUR EXPERIENCES WITH LIQUORRHEAL FISTULAE.
1966, 13p, refs. NIH-12-7-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61353

Trans. of Acta Chirurgica Iugoslavica (Yugoslavia)
v12 p12-22 1965.

TT-67-61354 Field 6E, 6O

Libansky, J.
TRANSFUSION OF HUMAN LEUKOCYTES. I: CRITICAL REVIEW WITH EMPHASIS ON THERAPEUTIC USE. Tr. by J. Chapin. 1966, 7p, refs. NIH-12-13-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61354

Trans. of Casopis Lekaru Ceskych (Czechoslovakia)
v105 n13 p329-32 1966.

TT-67-61370 Field 6E, 6F

Asmera, J.; Sedenka, B.; Nedvidek, J.
RESULTS OF PARASITOLOGICAL INVESTIGATIONS IN A NATURAL FOCUS OF TICK-BORNE MENINGOENCEPHALITIS IN FORMER OSTRAVSKY TERRITORY. 1965, 18p, refs. NIH-4-65-65;
NAMRU-Trans-132.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61370

Trans. of Ceskoslovenska Parasitologie, v9 p5-14
1962.

TT-67-61399 Field 6E

Pilipenko, L. I.
CLINICAL TESTS OF MERCURY-FREE METALLIC FILLINGS (Klinicheskie Ispytaniya Bezrtutnoi Metallicheskoi Plomby). 1966, 4p.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61399

Trans. of Stomatologiya (USSR) v44 n4 -18-20 1965.

TT-67-61419 Field 6E

Pequignot, H.
THE HOSPITAL, THE CHRONIC DISEASES AND THE AGED (PATIENTS) (L'Hopital, les Chroniques et les Gens Ages). Tr. by Tatiana Boldyreff. 1966, 22p (refs omitted). NMS-Trans-1164.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61419

Trans. of Concours Medical (France) v88 p65-78 1966.

TT-67-61420 Field 6E

Brugsch, J.
HEMOCHROMATOSIS AND MELANODERMIC PORPHYRIA, AS VARIOUS FORMS OF HEMOSYNTHESIS DISTURBANCES IN PIGMENTED CIRRHOSIS AND BRONZE DIABETES (Haemochromatose und Melandodermieporphyrie als verschiedene Formen der Haemsynthesestoerung bei Pigmentzierrhose und Bronzediabetes). Tr. by Tatiana Boldyreff. 1966, 20p (refs omitted). NMS-Trans-1156.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61420

Trans. of Zeitschrift fuer die Gesamte Innere Medizin und ihre Grenzgebiete (East Germany) v13 p411-5 1958.

TT-67-61421 Field 6E

Kummerle, F.; Nagel, M.
EXTRAVESICAL URETERAL ORIFICE. (A CONTRIBUTION ON) URINE INCONTINENCE AND THERAPY-RESISTANT FLUOR VAGINALIS. (Extravesikale Uretermuendung. Ein Beitrag zur Harninkontinenz und sum Therapieresistenten Fluor Vaginalis). Tr. by Tatian Boldyreff. 1967, 10p (figs and refs omitted). NMS-Trans-1161.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61421

Trans. of Deutsche Medizinische Wochenschrift (West Germany) v86 p2205-7 1961.

TT-67-61423 Field 6E

Balus, L.; Cosma-Gogonea, L.
THE SO-CALLED MUCOUS CYSTS, CONTRIBUTION TO THE KNOWLEDGE ON (Contributii la Cunoasterea Asa: Numitului Chist Mucos). Tr. by Tatiana Boldyreff. 1966, 12p (figs refs omitted).
NMS-Trans-1155.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61423

Trans. of Stomatologia (Rumania) v11 n4 p315-23 1964.

TT-67-61424 Field 6E

Iselin, F.
MUSCLE AND TENDON TRANSPLANTS IN PARALYSIS OF THE UPPER EXTREMITIES (Transplantations Musculo-Tendineuses pour Paralysies du Membre Superieur). Tr. by Tatiana Boldyreff. 1966, 7p (figs omitted). NMS-Trans-1159.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61424

Trans. of la Presse Medicale (France) v72 p2339-42
1964.

TT-67-61427 Field 6E

Metz, R.
PRESERVATION OF CORNEA (Hornhautkonservierung).
Tr. by Tatiana Boldyreff. 1967, 7p. NMS-Trans-2002.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61427

Trans. of Wehretechnische Monatshefte (West Germany)
v10 n3 p128-30 1966.

TT-67-61429 Field 6E

Ippen, H.
THE APPEARANCE OF PROPHYRIA TARDA: DICUSSION. 1966, 2p. NMS-Trans-1158.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61429
Trans. of Archiv fuer Kliniscne und Experimentelle Dermatologie (West Germany) v219 p737 1964.

TT-67-61430 Field 6E

Lain, E.
LIPOMAS IN CAUDA EQUINA (Lipomes de la Queue de Cheval). Tr. by Tatiana Boldyreff. 1966, 6p (figs omitted). NMS-Trans-1163.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61430

Trans. of Neuro-Chirurgie (France) v10 p38-40 1964.

TT-67-61486 Field 6E

Wiedemann, H. R.
FAMILIAL MALFORMATION COMPLEX WITH UMBILICAL HERNIA AND MACROGLOSSIA - A "NEW SYNDROME". Tr. by Z. Knowles. 1967, 12p (figs omitted) refs. NIH-3-9-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61486

Trans. of Journal de Genetique Humaine (Switzerland) v13 n2/3 p223-32 1964.

TT-67-61494 Field 6E

Tochowicz, L.; Szopinnska-Ciba, L.; Ciba, T.
GLYCEMIC CURVES IN SUBJECTS WITH ATHEROMATOSIS. Tr. by H. Warfield. 1967, 9p, 28refs. NIH-3-15-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61494

Trans. of Polski Tygodnik Lekarski, v16 p746-9 1961.

TT-67-61495 Field 6E, 6A

Salmon, C.; Homberg, J. C.; Liberge, G.; Delarue, F.
AUTO-ANTIBODIES WITH MULTIPLE SPECIFICITIES-ANTI-HI, ANTI-AI, AND ANTI-BI, FOUND IN CERTAIN HEMOLYTIC ANEMIA ELUATES. Tr. by H. Warfield. 1967, 8p. NIH-3-14-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61495

Trans. of Revue Francaise d'Etudes Cliniques et Biologiques, v10 p522-5 1965.

F. Environmental biology

NCH-208 036 Field 6F

Melnikov, N. N.; Shvetsova-Shilovskaya, K. D.; Grapov, A. F.
PREPARATION OF CARBOPHOS (MALATHION). 10 Apr 67, 7p. ATS-48U99R.
Order from ATS: $10.35 as ATS-48U99R

Trans. of Nauchnyi Institut po Udobreniyam i Insektofungisidam. Trudy (USSR) n171 p7-14 1961.

TT-67-61472 Field 6F

Takaoka, T.
HEXAMETHYLPHOSPHORAMIDE. Tr. by Hsin Yau Chung. Jan 67, 19p, 53refs. DI-Trans-3186.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61472

Trans. of Yuki Gosei Kagaku Kyokaishi (Japan) v24 p412-8 1966.

H. Food

NCH-207 620 Field 6H

Veksler, B. A.; Abragam, D. R.
PRODUCTION OF STARCH FROM WHEAT (Proizodstvo Krakhmala iz Pshenitsy). Nov 66, 9p. RTS-3732.
Order from NLL: 10s as RTS-3732

Trans. of Sakharnaya Promyshlennost (USSR) v33 n6 p49-53 1959.

NCH-207 874 Field 6H, 13H

Komai, Y.
SPRAY CRYSTALLIZATION OF TOTAL SUGAR. 5 Dec 66, 20p. TC-3059.
Order from TC: $19.00 as TC-3059

Trans. of Dempunto Gijutsu Kenkyu Kaiho (Japan) n32 p59-69 1965.

J. Industrial (occupational) medicine

NCH-207 715 Field 6J

Wauer.
OCCUPATIONAL DISEASES CAUSED BY CHLORINATED HYDROCARBONS (PERNA DISEASE). 28 Nov 66, 4p. TC-2923.
Order from TC: $3.50 as TC-2923

Trans. of Zentralblatt fuer Gewerbehygiene und Unfallverhuetung (West Germany) 1918 p100-1.

NCH-208 010 Field 6J

Bonari, R.
BURNS CAUSED BY ORGANOMETALLIC COMPOUNDS AND INDUSTRIAL TOXICITY OF THEIR FUMES AND VAPORS. ALUMINUM ALKYLS. 4 Mar 67, 11p, refs. CTS (Chem)-444.
Order from CTS: $11.20 as CTS(Chem)-444

Trans. of Medicina del Lavoro (Italy) v57 n3 p188-94 1966.

M. Microbiology

NCH-207 445 Field 6M

Krasilnikov, N. A.; Yuan Tszi-Shen.
ACTINOSPORANGIUM - A NEW GENUS OF THE ACTINOPLANACEAE FAMILY (Actinosporangium - Novyi rod Semeistva Actinoplanaceae). Sep 66, 7p, refs. RTS-3359.
Order from NLL: 10s as RTS-3359

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v26 n1 p113-6 1961.

NCH-207 467 Field 6M, 6A

Spirin, A. S.
THE CHEMICAL NATURE OF VIRUS INFECTIVITY (O Khimicheskoi Prirode Infektsionnosti Virusov). Jun 66, 27p, refs. RTS-2710.
Order from NLL: 40s as RTS-2710

Trans. of Uspekhi Sovremennoi Biologii (USSR) v50 n6 p261-76 1960.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 901 Field 6M, 6A

Areshkina, L. Ya.
MICROBIOLOGICAL SYNTHESIS OF L-LYSINE. 1967, 14p. TC-3104.
Order from TC: $11.00 as TC-3104

Trans. of Prikladnaya Biokhimiya i Mikrobiologiya (USSR) v1 n4 p396-403 1965.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61349 Field 6M, 6E, 6O

Prokop, O.; Schlesinger, D.; Rackwitz, A.
BLOOD GROUP INHIBITORS IN PENICILLIN AND STREPTOMYCIN, ESPECIALLY EFFECTIVE IN INCOMPLETE ANTI-RH SERA. Tr. by J. Chapin. 1966, 5p, refs. NIH-11-25-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61349

Trans. of das Deutsche Gesundheitswesen (East Germany) v20 p1894-6 1965.

TT-67-61426 Field 6M

Bach-Toan-Vinh.
COMPARATIVE EFFECT OF MALLEOMYCES MALLEI, PSAUDOMONAS PSEUDOMALLEI, AND PSEUDOMONAS SERUGINOSA ON VARIOUS NITROGENOUS SUBSTANCES (Action Comparee de Malleomyces Mallei, Pseudomonas Pseudomallei et Pseudomonas Aeruginosa sur Differentes Substances Azotees). Tr. by Tatiana Boldyreff. 1967, 5p (refs omitted). NMS-Trans-1154.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61426

Trans. of Institut Pasteur, Paris. Annales (France) v109 p460-3 1965.

TT-67-61491 Field 6M

Rott, R.; Scholtissek, C.
INFLUENCE OF ACTINOMYCIN ON THE INCREASE OF MYXOVIRUSES. Tr. by Z. Knowles. 1967, 17p, 32refs. NIH-3-16-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61491

Trans. of Zeitschrift fuer Naturforschung (West Germany) v19b n4 p316-23 1964.

TT-67-61499 Field 6M, 6E

Ritowa, W. W.; Sucharewa, M. E.; Stschastinyi, E. I.; Slatkowskaja, I. A.
THE ROLE OF VIRUSES IN THE ETIOLOGY OF RESPIRATORY CHILDHOOD DISEASES. Tr. by H. Warfield. 1967, 15p, 15refs. NIH-3-18-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61499

Trans. of Paediatrie und Grenzgebiete (East Germany) v5 n1 p23-34 1966.

O. Pharmacology

NCH-206 880 Field 6O, 6E

Palleiro, N.
USE OF A NEW SULFONAMIDE (MADRIBON "ROCHE") IN CLINICAL PEDIATRICS. 1966, 4p. ATS-68T97SP.
Order from ATS: $5.75 as ATS-68T97SP

Trans. of Dia Medico Uruguay, v26 n320 p2909-10 1959.

NCH-207 464 Field 6O

Kivman, G. Ya.; Smolnikova, N. M.
THE PRODUCTION AND A COMPARITIVE STUDY OF THE RACEMATE AND THE STEREOISOMERS OF CYCLOSERIN (Poluchenie i Sravnitelnoe Izuchenie Ratsemate i Stereoizomerov Tsikloserina). Sep 66, 24p, refs. RTS-3332.
Order from NLL: 40s as RTS-3332

Trans. of Antibiotiki (USSR) v8 n9 p845-60 1963.

NCH-207 592 Field 6O

Kudryavtsev, A. A.
EFFECT OF MORPHINE ON THE WEIGHT OF NORMAL AND DECEREBRATED PIGEONS IN CONDITIONS OF COMPLETE STARVATION (Vliyanie Morfiya na ves Normalnykh i Detserebrirovannykh Golubei v Ulslovnyakh Polnogo Golodaniya). Oct 66, 4p, 8refs. RTS-3418.
Order from NLL: 5s as RTS-3418

Trans. of Vsesoyuznyi Institut Eksperimentalnoi Veterinarii. Trudy (USSR) v7 n2 p259-61 1931.

NCH-207 908 Field 6O

Hagi, N.; Ohkubo, T.
THE DIASTATIC ENZYMES MANUFACTURED BY MILES CHEMICAL COMPANY OF THE U. S. A. 1967, 11p. TC-3121.
Order from TC: $11.00 as TC-3121

Trans. of Dempunto Gijutsu Kenkyu Kaiho (Japan) v31 p37-41 1965.

NCH-208 048 Field 6O

Lehmann, G.; Martinod, P.
STUDIES ON SYNTHETIC AND NATURAL CAFFEINE. 10 Apr 67, 6p. ATS-57U100G.
Order from ATS: $10.90 as ATS-57U100G

Trans. of Arzneimittel-Forschung (West Germany) v17 n1 p35-7 1967.

NCH-208 049 Field 6O, 6E

Schindler, H.
PSYCHOTROPIC DRUGS IN HYPERTHYROIDISM AND VEGATATIVE BORDERLINE CASES. 10 Apr 67, 7p. ATS-26U100G.
Order from ATS: $14.35 as ATS-26U100G

Trans. of Medizinische Klinik (West Germany) v61 n2 p66-9 1966.

TT-67-61341 Field 6O

Cassinelli, G.; Orezzi, P.
DAUNOMYCIN: A NEW ANTIBIOTIC ENDOWED WITH CYTOSTATIC PROPERTIES; ITS ISOLATION AND CHARACTERISTICS. Tr. by H. Warfield. 1966, 8p, refs. NIH-11-10-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61341

Trans. of Giornale di Microbiologia (Italy) v11 p167-74 1963.

TT-67-61342 Field 6O, 7D

Dorigotti, L.
STUDY BY ELECTRON MICROSCOPE OF CHANGES INDUCED IN HELA CELLS BY DAUNOMYCIN. Tr. by Z. Knowles. 1966, 20p, 11refs. NIH-11-13-66.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61342

Trans. of Tumori (Italy) v50 n2 p117-35 1964.

TT-67-61484 Field 6O, 6E

Hidalgo, I. N.; Montano, G.
TREATMENT OF MALIGNANT TUMORS WITH PODOPHYLLIC DERIVATIVES. Tr. by P. DePorte. 1967, 15p, 13refs. NIH-3-6-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61484

Trans. of Hospital General. Revista Medica (Mexico) v29 n6 p415-26 1966.

TT-67-61500 Field 6O, 6R, 6E

Mitchell, J. S.
THE POSSIBILITY OF USING RADIOACTIVE DRUGS. Tr. by P. Hajdu. 1967, 19p, refs. NIH-3-8-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61500

Trans. of Strahlentherapie (West Germany) v127 n4 p497-509 1965.

TT-67-61501 Field 6O, 6A

Rauen R. M.; Kramer, K. P.
TOTAL BLOOD LEVEL OF ALKYLATING AGENTS IN RATS AFTER ADMINISTRATION OF CYCLOPHOSPHAMIDE AND ACYCLOPHOSPHAMIDE. Tr. by J. Chapin. 1967, 3p, 9refs. NIH-3-17-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61501

Trans. of Arzneimittel-Forschung (West Germany) v14 n9 p1066-7 1964.

P. Physiology

NCH-207 510 Field 6P, 6E

Borisova, T. P.; Talavrinov, V. A.
SPATIAL SYNCHRONIZATION OF THE a-ACTIVITY OF THE CORTEX IN PATIENTS WITH THE CATATONIC ONEIROID FORM OF SCHIZOPHRENIA (Prostranstvennaya Sinkhronizatsiya a-Aktivnosti v Kore Golovnogo Mozga Bolnykh Katatone-Oneiroidnoi Formoi Shizofrenii). Nov 66, 14p, 21refs. RTS-3531.
Order from NLL: 20s as RTS-3531

Trans. of Zhurnal Nevropatologii i Psikhiatrii (USSR) v64 n3 p420-7 1964.

NCH-207 667 Field 6P, 5J

Sergeeva, M. A.
THE EFFECT OF A DIET WITH DIVERSELY CORRELATED FATS AND CARBOHYDRATES UPON THE CONDITIONED-RESPONSE ACTIVITY OF DOGS (Vliyanie Pitaniya s Razlichnym Sootnosheniem Zhirov i Uglevodov na Uslovnoreflektornuyu Devatelnost Sobak). Oct 66, 13p, refs. RTS-3457.
Order from NLL: 15s as RTS-3457

Trans. of Voprosy Pitaniya (USSR) v15 n1 p9-15 1956.

TT-67-61404 Field 6P, 20F

Folb, R. L.; Belkina, E. A.
RELATIONSHIP BETWEEN TIME OF PERCEPTION OF A SIGNAL AND EFFECTIVE BRILLIANCE (Sviaz Mezhdu Vremenem Obnaruzheniya Ognei i Effektivnim Bleskom). 1966, 10p, 9refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61404

Trans. of Svetotekhnika (USSR) v11 n9 p20-3 1965.

TT-67-61409 Field 6P

Matveev, A. B.
EQUAL CONTRAST COLOR SYSTEM (Ravnokontrastnaya Tsvetovaya Sistema). 1966, 11p, 12refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61409

Trans. of Svetotekhnika (USSR) v11 n9 p1-6 1965.

TT-67-61422 Field 6P

Dumont, M.
PROBABLE PREGNANCY AT 52 (Une Observation de Grossesse Probable a 52 ans). 1966, 4p (refs omitted). NMS-Trans-1157.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61422

Trans. of Federation des Societes de Gynecologie et d'Obstetrique de Langue Francaise. Bulletin, v14 p373-4 1962.

Q. Protective equipment

NCH-207 728 Field 6Q, 6P

Renbourn, E. T.
REQUIREMENTS OF CLOTHING PHYSIOLOGY. 28 Nov 66, 14p. TC-3001.
Order from TC: $9.00 as TC-3001

Trans. of Chemiefastern (West Germany) v15 n10 p746-8, 751 1965.

R. Radiobiology

TT-67-61396 Field 6R

Bilokrynytskyi, V. S.
CHANGES IN THE TIGROID SUBSTANCE OF NEURONS UNDER THE EFFECT OF RADIO WAVES (Zminy Tygroyidnoyi Rechovyny Neironiv pid Vplyvom Radiokhvyl). Tr. by B. Poplawski. 25 Jan 67, 17p, 36refs. ATD-67-3; AD-649 460.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-649 460

Trans. of Fiziologichnyi Zhurnal (USSR) v12 n1 p70-8 1966.
Translations of Foreign Scientific and Technical Literature.

TT-67-61463 Field 6R

Kuzin, A. M., ed.
RADIOBIOLOGY, VOL. 5, NO. 6, 1965. 1965, 238p, refs. AEC-tr-6603.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AEC-tr-6603

Trans. of Radiobiologiya (USSR) v5 n6 p785-936 1965. For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

S. Stress physiology

TT-67-31028 Field 6S, 6C, 5I

Baevskii, R. M.
MEDICAL SERVICES AND FACILITIES ON BOARD SPACE CRAFT. 24 Mar 67, 43p. JPRS-40383.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31028

Trans. of Novoe v Zhizni, Nauke, Tekhnike. Seriya 8: Biologiya i Meditsina (USSR) n15 43p 1966.

07 CHEMISTRY

TT-67-31141 Field 7-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 87. 4 Apr 67, 74p. JPRS-40497.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31141

TT-67-31212 Field 7-

COMMUNIST CHNIESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 69. 7 Apr 67, 51p. JPRS-40568.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31212

A. Chemical engineering

NCH-205 032 Field 7A, 7C

Topfer, E.
ALKYL HALIDES AS COLLECTORS FOR FLOTATION. 1967, 7p. TC-1992.
Order from TC: $7.00 as TC-1992

Trans. of Akademie der Wissenschaften, Berlin. Monatsberichte (East Germany) v3 n5/6 p308-14 1961.

NCH-205 054 Field 7A

Kurin, N. P.
STUDY OF THE PROCESS OF AMMONIA OXIDATION UNDER PRESSURE IN THE PRESENCE OF FERRI-BISMUTH-MANGANESE CATALYSTS. 1967, 34p. TC-2053.
Order from TC: $25.00 as TC-2053

Trans. of Mezhvuzovskoe Soveshchanie po Katalizu. Trudy (USSR) n1 pt2 p215-37 1958.

NCH-205 075 Field 7A

A NEW CHEMICAL PROCESS: CYCLOHEXANE THROUGH HYDROGENATION OF BENZENE. 1967, 3p. TC-2168.
Order from TC: $3.00 as TC-2168

Trans. of l'Industrie due Petrole (France) v33 n10 p86 1965.

NCH-205 083 Field 7A

Vachez, F.
THE SYNTHESIS OF METHANOL - FUNDAMENTAL DATA AND REACTION OPTIMIZATION. 1967, 32p. TC-2089.
Order from TC: $21.50 as TC-2089

Trans. of Revue de l'Institut Francais du Petrole et Annales des Combustibles Liquides, v18 n5 p697-723 1963.

NCH-207 428 Field 7A, 7D

Kholyavenko, K. M.; Rubanik, M. Ya.; Chernukhina, N. A.
INVESTIGATION OF THE MACROSTRUCTURE OF SUPPORTED CATALYSTS (Issledovanie Makrostruktury Manesennogo Katalizatora). Oct 66, 7p, refs. RTS-3446.
Order from NLL: 12s 6d as RTS-3446

Trans. of mono. Nauch. Osnovy Podbora i Pro. Kat., n.p., 1964 p224-8.

NCH-207 466 Field 7A

Reutskii, V. A.; Kafarov, V. V.
SMALL-SCALE OPERATION OF THE CHEMISORPTION PROCESS IN PACKED COLUMNS (Modelirovanie Protsessov Khemosorbtsii v Nasadochnykh Kolonnakh). Jun 66, 20p. RTS-2722.
Order from NLL: 20s as RTS-2722

Trans. of Khimicheskaya Promyschlennost (USSR) v52 n1 p52-9 1963.

NCH-207 570 Field 7A, 2A

Kazakova, E. A.; Meshcheryakov, N. V.; Muzychenko, L. V.; Denega, A. I.; Khordina, Yu. A.
COOLING OF GRANULATED FERTILIZER IN A FLUIDISED BED (Okhlazhdenie Granulirovannykh Udobrenii v Psevdoozhizhennom Sloe). Sep 66, 14p, 9refs. RTS-3505.
Order from NLL: 15s as RTS-3505

Trans. of Khimicheskaya Promyshlennost (USSR) n5 p330-6 1962.

NCH-207 577 Field 7A, 9B

Korelitz, T. H.
COMPUTER UTILIZATION IN ENGINEERING STUDIES. 22 Nov 66, 12p. TC-2940.
Order from TC: $9.50 as TC-2940

Trans. of l'Industrie du Petrole (France) v34 n368 p52-5 1966.

NCH-207 610 Field 7A

Kozo Sugiyama; Takihiko Takahashi.
FORMATION OF Cl_2 BY THE OXIDATION OF NaCl, PYRITE AND SO_2. 28 Nov 66, 13p. TC-2564.

Order from TC: $13.00 as TC-2564

Trans. of Kogyo Kagaku Zasshi (Japan) v66 12 p1773-7 1963.

NCH-207 622 Field 7A

Kharlampiev, I. G.; Kuzyukov, A. N.
INTERCRYSTALLINE CORROSION OF PIPING COMPONENTS IN THE PRODUCTION OF UREA. 28 Nov 66, 2p. TC-2618.
Order from TC: $2.50 as TC-2618

Trans. of Khimicheskoe i Neftyanoe Mashinostroenie (USSR) n3 p45-6 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 631 Field 7A

Weinspach, P. M.
MATERIAL TRANSITION IN RISING LIQUID FLOW. 1967, 15p. TC-2641.
Order from TC: $12.00 as TC-2641

Trans. of Chemie-Ingenieur-Technik (West Germany) v37 n12 p1215-20 1965.

NCH-207 665 Field 7A

Neidel, W.
REMOVAL BY TORCH BURNER OF RESIDUAL AND WASTE GASES IN THE CHEMICAL INDUSTRY. 28 Nov 66, 14p. TC-2738.
Order from TC: $12.00 as TC-2738

Trans. of Chemische Technik (East Germany) v18 n5 p266, 268-72 1966.

NCH-207 683 Field 7A

Henkel, P.
CHROMIUM COMPOUNDS IN THE CHEMICAL INDUSTRY. 28 Nov 67, 6p. TC-2809.
Order from TC: $4.50 as TC-2809

Trans. of Bayer-Berichte (sic) v17 p24-8 1966.

NCH-207 691 Field 7A

Schmidt, T. E.
METHODS OF CONSIDERING ECONOMIC VIEWPOINTS IN PLANNING AND BUILDING. 28 Nov 66, 15p. TC-2833.
Order from TC: $9.00 as TC-2833

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 p250-4 1966.

NCH-207 695 Field 7A

Sagel, K.
MATERIALS OF CONSTRUCTION PROBLEMS ENCOUNTERED IN SEVERAL NEW PROCESSES FOR THE PRODUCTION OF ELECTRIC CURRENT. 28 Nov 66, 18p. TC-2840.
Order from TC: $14.00 as TC-2840

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 n5 p509-14 1966.

NCH-207 696 Field 7A

Lueder, H.
OPTIMIZATION OF PROCESSING MACHINERY. 28 Nov 66, 16p. TC-2841.
Order from TC: $12.00 as TC-2841

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 p241-6 1966.

NCH-207 721 Field 7A, 20M

Kolbel, H.
HEAT TRANSFER IN BUBBLE COLUMNS. 28 Nov 66, 18p. TC-2972.
Order from TC: $13.00 as TC-2972

Trans. of Chemie-Ingenieur-Technik (West Germany) v30 n6 p400-4 1958.

NCH-207 727 Field 7A

Nagiev, M. F.; Kandalova, V. D.; Sadykhova, Kh. I.
NEW METHOD OF PRODUCING A MATERIAL BALANCE FOR CONTACT SULPHURIC ACID (Novyi Metod Rascheta Protsessa Proizvodstva Sernoi Kisloty Kontaktnym Sposobom). Oct 66, 6p, 2refs. RTS-3499.
Order from NLL: 15s as RTS-3499

Trans. of Azerbaidzhanskii Khimicheskii Zhurnal (USSR) v2 n1 p71-6 1961.

NCH-207 844 Field 7A

Galich, P. N.
OXIDATIVE REGENERATION KINETICS OF ZEOLITES IN RELATION TO THEIR STRUCTURE. 5 Dec 66, 5p. TC-2969.
Order from TC: $5.00 as TC-2969

Trans. of Akademiya Nauk SSSR. Doklady, v168 n2 p279-381 1966.

NCH-207 845 Field 7A

Voetter, H.; Kosters, W. C. G.
INDUSTRIAL EXPERIENCES AND NEW POSSIBILITIES IN THE FIELD OF SOLVENT EXTRACTION WITH SULFOLANE. 5 Dec 66, 12p. TC-2971.
Order from TC: $12.00 as TC-2971

Trans. of Erdoel und Kohle-Erdgas-Petrochemie (West Germany) v19 n4 p267-71 1966.

NCH-207 860 Field 7A, 13H

Meyer-Abich, K. M.
FLOW CONDITIONS IN CIGARETTES. 5 Dec 66, 35p. TC-3018.
Order from TC: $19.00 as TC-3018

Trans. of Beitraege zur Tabakforschung (West Germany) v3 n5 p307-29 1966.

NCH-207 869 Field 7A

Gnot, W.
DETERMINATION OF MERCURY AND ITS COMPOUNDS IN BRINES, CAUSTIC LIQUORS, AND SLUDGES FROM THE ELECTROLYTIC PRODUCTION OF CHLORINE.

5 Dec 66, 14p. TC-3050.
Order from TC: $9.00 as TC-3050

Trans. of Chemia Analityczna (Poland) v10 p1175-80 1965.

NCH-207 870 Field 7A

Curda, M.; Holas, J.
THE SOLUBILITY OF CHLORINE, HYDROGEN CHLORIDE AND METHYL CHLORIDE IN SOME SOLVENTS. 5 Dec 66, 3p. TC-3052.
Order from TC: $3.00 as TC-3052.

Trans. of Chemicky Prumysl (Czechoslovakia) v14 n10 p547-8 1964.

NCH-207 890 Field 7A

Ho Si Thoang.
PROMOTING ACTION OF WATER IN THE CRACKING REACTION ON TYPE Y ZEOLITES. 5 Dec 66, 5p. TC-3089.
Order from TC: $5.00 as TC-3089

Trans. of Akademiya Nauk SSSR. Doklady, v168 n5 p1114-6 1966.

NCH-207 903 Field 7A

Tsitsishvili, G. V.
ADSORPTION OF BENZENE VAPOR ON THE HYDROGEN AND DECATIONIZED FORMS OF ZEOLITES. 1967, 6p. TC-3112.
Order from TC: $6.00 as TC-3112

Trans. of Akademiya Nauk SSSR. Doklady, v168 n4 p860-3 1966.

NCH-207 904 Field 7A

BRIEF COMMUNICATIONS: RADICAL AMINATION OF DIPHENYL AND FLUORENE WITH N-CHLORODIMETHYLAMINE. 1967, 11p. TC-3113.
Order from TC: $9.50 as TC-3113

Trans. of la Chimica e l'Industria (Italy) v48 n7 p716-8 1966.

NCH-207 905 Field 7A

AROMATIC RADICAL MONOALKYLAMINATION WITH N-CHLOROAMINES. 1967, 4p. TC-3114.
Order from TC: $3.50 as TC-3114

Trans. of la Chimica e l'Industria (Italy) v48 n7 p725 1966.

NCH-207 909 Field 7A

Grosse-Ruyken, H.; Bosholm, J.
PARTITION CHROMATOGRAPHY OF RARE EARTHS WITH DI-2-ETHYLHEXYL PHOSPHORIC ACID I. INFLUENCE OF THE OPERATING CONDITIONS ON THE SEPARATION CAPACITY OF THE COLUMN. 1967, 12p. TC-3125.
Order from TC: $9.50 as TC-3125

Trans. of Journal fuer Praktische Chemie (East Germany) v25 n4 p79-87 1964.

NCH-207 916 Field 7A

Lehmkuhl, H.
COMBINED PREPARATION OF TETRAETHYL LEAD AND TETRAMETHYL LEAD. 1967, 9p. TC-3167.
Order from TC: $9.00 as TC-3167

Trans. of Chemie Ingenieur Technik (West Germany) v36 p612-6 1964.

NCH-208 005 Field 7A

Albanesi, G.; Farina, R.; Taccioli, A.
COBALT CARBONYL-CATALYZED REACTIONS BETWEEN ACETYLENIC HYDROCARBONS AND CARBON MONOXIDE. NOTE III. DECATETRAENEDIOLIDES. 4 Mar 67, 11p, 9refs. CTS(Chem)-439.
Order from CTS: $11.00 as CTS(Chem)-439

Trans. of la Chimica e l'Industria (Italy) v48 n11 p1151-6 1966.

NCH-208 006 Field 7A

Natta, G.; Albanesi, G.
COBALT CARBONYL-CATALYZED REACTIONS OF ACETYLENE, CARBON MONOXIDE AND WATER. NOTE I. 4 Mar 67, 10p, 8refs. CTS(Chem)-440.
Order from CTS: $10.40 as CTS(Chem)-440

Trans. of la Chimica e l'Industria (Italy) v48 n11 p1157-61 1966.

NCH-208 007 Field 7A

Pegoraro, M.; Severini, F.
GRAFT POLYMERIZATION OF VINYL ACETATE ONTO C_2-C_3 COPOLYMER. 4 Mar 67, 10p, 9refs. CTS(Chem)-441.
Order from CTS as CTS(Chem)-441

Trans. of la Chimica e l'Industria (Italy) v48 n11 p1162-6 1966.

NCH-208 008 Field 7A, 11I, 7C

Natta, G.; Zambelli, A.; Pasquon, I.; Giongo, G. M.
MECHANISM OF THE STEREOSPECIFIC POLYMERIZATION OF alpha-OLEFINS TO ISOTACTIC POLYMERS IN THE PRESENCE OF BIMETALLIC CATALYST SYSTEMS. I. RATE OF CHAIN PROPAGATION IN THE PRESENCE OF DIFFERENT CATALYST SYSTEMS. 4 Mar 67, 17p, 23refs. CTS(Chem)-442.
Order from CTS: $18.00 as CTS(Chem)-442

Trans. of la Chimica e l'Industria (Italy) v48 n12 p1298-1306 1966.

NCH-208 009 Field 7A, 11I, 7C

Natta, G.; Zambelli, A.; Pasquon, I.; Giongo, G. M.
MECHANISM OF THE STEREOSPECIFIC POLYMERIZATION OF alpha-OLEFINS TO ISOTACTIC POLYMERS IN THE PRESENCE OF BIMETALLIC CATALYST SYSTEMS. II. STEREOSPECIFICITY OF CERTAIN HETEROGENEOUS CATALYST SYSTEMS. 4 Mar 67, 17p, 24refs. CTS(Chem)-443.
Order from CTS: $20.00 as CTS(Chem)-443

Trans. of la Chimica e l'Industria (Italy) v48 n12 p1307-15 1966.

NCH-208 019 Field 7A

Efremova, G. D.; Leonteva, G. G.
COMPRESSIBILITY OF MIXTURES OR AMMONIA AND CARBON DIOXIDE AND EQUILIBRIUM OF THE UREA SYNTHESIS REACTION. 10 Apr 67, 10p. ATS-59U100R.
Order from ATS: $18.65 as ATS-59U100R

Trans. of Khimicheskaya Promyshlennost' (USSR) v38 n10 p742-6 1962.

NCH-208 020 Field 7A

Gaskarov, N. S.
IMPROVEMENT OF OPERATING CHARACTERISTICS OF DELAYED-COKING EQUIPMENT. 10 Apr 67, 5p. ATS-09U100R.
Order from ATS: $8.25 as ATS-09U100R

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v9 n4 p26-30 1964.

NCH-208 021 Field 7A

Shopov, D.; Andreev, A.
DEHYDROGENATING CATALYSIS OF CIS- AND TRANS-DECALIN AND 1,2-DIMETHYLCYCLOHEXANE ON VARIOUS METALS. 10 Apr 67, 6p. ATS-67U99R.
Order from ATS: $8.25 as ATS-67U99R

Trans. of Neftekhimiya (USSR) v6 n4 p539-43 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 024 Field 7A

Zhorov, Yu. M.; Kuznetsov, O. I.;
Panchenkov, G. M.
CRACKING OF n-HEXADECANE IN THE PRESENCE OF SULFIDIC AND OXIDIC CATALYSTS ON SUPPORTS WITH A REDUCED ISOMERIZING ACTIVITY. 10 Apr 67, 6p. ATS-63U99R.
Order from ATS: $10.75 as ATS-63U99R

Trans. of Neftekhimiya (USSR) v6 n3 p396-400 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 025 Field 7A

Novikova, L. A.; Rozengart, M. I.; Kononov, N. F.;
Ivanova, N. G.; Zueva, T. V.
EFFECT OF REDUCTION OF A FLUIDIZED ALUMINA-CHROMIA-POTASSIA CATALYST ON ITS ACTIVITY IN AROMATIZATION OF n-HEPTANE. 10 Apr 67, 9p. ATS-66 U99R.
Order from ATS: $15.50 as ATS-66U99R

Trans. of Neftekhimiya (USSR) v6 n4 p531-8 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 028 Field 7A

Mirskii, Ya. V.; Dorogochinskii, A. Z.
GRANULATED SYNTHETIC ZEOLITES WITHOUT BINDERS. 10 Apr 67, 5p. ATS-56U99R.
Order from ATS: $8.75 as ATS-56U99R

Trans. of Akademiya Nauk SSSR. Doklady, v170 n3 p644-7 1966.

NCH-208 031 Field 7A

Karpukhina, G. V.; Maizus, Z. K.;
Matienko, L. I.
INTERACTIONS OF PHENOLS AND AROMATIC AMINES USED AS INHIBITORS IN THE OXIDATION OF HYDROCARBONS. 10 Apr 67, 5p. ATS-40T98R.
Order from ATS: $11.25 as ATS-40T98R

Trans. of Neftekhimiya (USSR) v6 n4 p603-7 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 032 Field 7A

Minachev, Kh. M.; Garanin, V. I.; Piguzova, L. I.;
Vitukhina, A. S.
ISOMERIZATION, HYDROGENATION, AND HYDROISOMERIZATION OF SOME HYDROCARBONS ON TYPE Y SYNTHETIC ZEOLITES CONTAINING METALS OF GROUP VIII. 10 Apr 67, 5p. ATS-58U99R.
Order from ATS: $7.75 as ATS-58U99R

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n6 p1001-5 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 041 Field 7A

Mardanov, M. A.; Veliev, K. G.; Mir-Gashimova, L. M.
CONTINUOUS EXTRACTION OF CYCLOPENTADIENE FROM PYROLYSIS PRODUCTS OF PETROLEUM CRUDE STOCKS. 10 Apr 67, 6p. ATS-44U99R.
Order from $8.75 as ATS-44U99R

Trans. of Azerbaidzhanskoe Neftyanoe Khozyaistvo (USSR) v44 n6 p34-6 1965.

NCH-208 043 Field 7A

Tyuryaev, I. Ya.; Shapovalova, L. P.;
Grinenko, S. B.; Kadilova, I. L.; Lysukho, T. V.
OXIDATIVE DEHYDROGENATION OF ISOPENTANE BY IODINE, OXYGEN AND MIXTURES OF CaO AND $CaCO_3$. 10 Apr 67, 9p. ATS-61U99R.
Order from ATS: $12.85 as ATS-61U99R

Trans. of Neftekhimiya (USSR) v6 n3 p380-6 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 044 Field 7A

Todes, O. M.; Lezin, Yu. S.
DYNAMICS OF CONTINUOUS ADSORPTION AND DESORPTION IN A FLUIDIZED BED. 10 Apr 67, 6p. ATS-60U99R.
Order from ATS: $8.35 as ATS-60U99R

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v11 n8 p11-3 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 045 Field 7A

Shipikin, V. V.; Maslyanskii, G. N.; Zharkov, B. B.;
Bursian, N. R.
TRANSFORMATIONS OF HYDROCARBONS IN THE

PRESENCE OF SPENT AND REACTIVATED PLATINUM REFORMING CATALYSTS. 10 Apr 67, 7p. ATS-64U99R.
Order from ATS: $10.25 as ATS-64U99R

Trans. of Neftekhimiya (USSR) v6 n3 p401-6 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 047 Field 7A

Oettinger, W.; Reitz, O.
HYDROCRACKING OF VACUUM DISTILLATES AND MIDDLE OILS BY THE DHC PROCESS. 10 Apr 67, 7p. ATS-63U100G.
Order from ATS: $14.50 as ATS-63U100G

Trans. of Erdoel und Kohle-Erdgas-Petrochemie (West Germany) v18 n4 p267-70 1965.

TT-67-31113 Field 7A, 10B

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 347. 31 Mar 67, 23p. JPRS-40468.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31113

TT-67-31126 Field 7A

Tsvetanov, P.; Vulchanov, T.; Gazenov, S.; Cholakov, Y.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 348. 31 Mar 67, 22p. JPRS-40481.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31126

Trans. of Khimiya i Industriya (Bulgaria) n8 p338-9 1966.

TT-67-31161 Field 7A, 13I

Karapetyan, T.; Markasyan, B.; Yazykov, S.
USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 42. 4 Apr 67, 20p. JPRS-40517.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31161

Trans. of Promyshlennost Armenii (USSR) n12 p6-9, 22-3 1966 and Ekonomika Stroitelstva (USSR) n1 p23-7 1967.

TT-67-31233 Field 7A, 8I, 20L

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 351. 12 Apr 67, 40p. JPRS-40589.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31233

TT-67-60702 Field 7A

Zu Koecker, H. M.; Verheesen, H.
IGNITION DELAY OF FREE FALLING HYDROCARBON DROPLETS IN PURE OXYGEN AT ATMOSPHERIC PRESSURE. Tr. by R. F. Brinkley. 1966, 14p, 11refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-60702

Trans. of Erdoel und Kohle-Erdgas-Petrochemie (West Germany) v18 n9 p705-9 1965.

B. Inorganic chemistry

NCH-204 546 Field 7B

Tsal, M. I.
SYNTHESIS OF PERBORATES OF THE FIRST AND SECOND ANALYTICAL GROUPS. A HISTORICAL REVIEW. 1966, 19p. ATS-77S87R.
Order from ATS: $26.80 as ATS-77S87R

Trans. of Tekhnologicheskii Institut imeni Leningradskogo Soveta. Trudy (USSR) n40 p53-68 1957.

NCH-207 451 Field 7B, 7C

Moiseev, I. I.; Pestrikov, S. V.
ZERO-VALENT PALLADIUM COMPLEXES IN THE ISOMERISATION OF BUTENES (Kompleksy Palladiya (O) v Izomerizatsii Butilenov). Sep 66, 2p. RTS-3434.
Order from NLL: 2s 6d as RTS-3434

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n10 p1717 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 574 Field 7B, 11B

Naka, S.
PRESSURE EFFECT ON THE FORMATION OF COMPOUNDS IN THE Y2O3-Al2O3 SYSTEM. 22 Nov 66, 18p. TC-2911.
Order from TC: $17.00 as TC-2911

Trans. of Kogyo Kagaku Zasshi (Japan) v69 p1112-6 1966.

NCH-207 630 Field 7B, 7D

Lauer, K.
CONSTITUTION AND REACTIVITY. IX: THE SULFONATION OF BENZAL CHLORIDE AND BENZOTRICHLORIDE. 1967, 5p. TC-2637.
Order from TC: $5.50 as TC-2637

Trans. of Journal fuer Praktische Chemie (East Germany) v142 n2 p252-7 1935.

NCH-207 660 Field 7B

Baverez, M.
ACTION OF HYDROGEN CHLORIDE ON SILICA GELS. 1967, 8p. TC-2706.
Order from TC: $7.00 as TC-2706

Trans. of Societe Chimique de France. Bulletin, n6 p1298-1301 1964.

NCH-207 662 Field 7B

Renaud, P.
APPLICATION OF SUPERSONICS TO THE STUDY OF THE CHEMICAL COMPOSITION. 1967, 15p. TC-2730.
Order from TC: $9.50 as TC-2730

Trans. of Chimie Analytique (France) v46 n5 p227-35 1964.

NCH-207 673 Field 7B

Traube, W.
A CONTRIBUTION TO THE KNOWLEDGE OF THE

SODIUM SALTS OF CYANAMIDE. 28 Nov 66, 9p. TC-2760.
Order from TC: $9.00 as TC-2760

Trans. of Angewandte Chemie (West Germany) v39 p1465-9 1926.

NCH-207 686 Field 7B, 7C

Golubev, V. M.
OF THE SPECTRUM OF INSOLUBLE PARTICLES IN SOLUTIONS OF CELLULOSE ACETATES. 28 Nov 66, 14p. TC-2821.
Order from TC: $14.00 as TC-2821

Trans. of Khimicheskie Volokna (USSR) n1 p47-51 1966.

NCH-207 688 Field 7B

Frohler.
FOR THE PURIFICATION OF WATER: PRODUCTION OF CHLORINE DIOXIDE FROM SODIUM CHLORITE (PART I). 28 Nov 66, 14p. TC-2824.
Order from TC: $13.00 as TC-2824

Trans. of Wasser, Luft und Betrieb (West Germany) n8 p332-6 1961.

NCH-207 689 Field 7B

Frohler.
PREPARATION OF CHLORINE DIOXIDE FROM SODIUM CHLORITE. 28 Nov 66, 18p. TC-2825.
Order from TC: $15.00 as TC-2825

Trans. of Wasser, Luft und Betrieb (West Germany) n9 p380-7 1961.

NCH-207 722 Field 7B, 12A

Eckerle, G.
THE CHEMICAL STATISTICS OF DRINKING WATER IN PROBABILITY GRAPHS. 28 Nov 66, 26p. TC-2977.
Order from TC: $14.00 as TC-2977

Trans. of Werkstoffe und Korrosion (West Germany) v17 p490 1966.

TT-67-61255 Field 7B, 7E, 7D

Tutomu Makita; Shingo Nishiyama; Hiroshi Kishi; Yoko Yubuta; Sadao Sakamoto.
MASS SPECTROGRAPHY FOR THE ANALYSIS OF SOLIDS. II. DETERMINATION OF THE ISOTOPIC RATIOS OF LEAD, THORIUM AND URANIUM IN MINERALS. Oct 66, 16p, refs. Emm-65-43(J).
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61255

Trans. of Shitsuryo Bunseki (Japan) v12 n28 p223-8 1965.

C. Organic chemistry

NCH-205 091 Field 7C, 7D

Holubeck, J.; Volke, J.
POLAROGRAPHY OF AROMATIC HETEROCYCLIC COMPOUNDS. 1967, 21p. TC-2151.
Order from TC: $17.00 as TC-2151

Trans. of Collection of Czechoslovak Chemical Communications, v25 p3292-304 1960.

NCH-206 817 Field 7C

Voronkov, M. G.; Deich, A. Ya.
FORMATION OF CHARGE TRANSFER COMPLEXES IN SYSTEMS OF SUBSTITUTED AROMATIC HYDROCARBONS WITH ELECTRONDONATING ORGANIC COMPOUNDS (Obrazovanie Kompleksov s Perenosom Zaryada v Sistemakh Zameshchennykh Aromaticheskikh Uglevodoradov s Elektrondonornymi Organicheskimi Soedineniyami). Dec 66, 18p, 28refs. RTS-3740.
Order from NLL: L1 10s as RTS-3740

Trans. of Akademiya Nauk Latviiskoi SSR, Riga. Izvestiya. Seriya Khimicheskaya, n4 p432-44 1965.

NCH-207 454 Field 7C

Mndzhoyan, A. L.; Aroyan, A. A.
INVESTIGATIONS IN THE FIELD OF BENZOFURAN DERIVATIVES (Issledovaniya v Oblasti Proizvodnykh Benzofurana). Sep 66, 13p, 9refs. RTS-3577.
Order from NLL: 25s as RTS-3577

Trans. of Akademiya Nauk Armyanskoi SSSR, Erevan. Izvestiya, v11 n1 p45-56 1958.

NCH-207 569 Field 7C

Ballester, M.
PYROLYSIS OF STERICALLY STRAINED CHLORINATED SUBSTANCES PERCHLOROTOLUENE AND OH, o'H-DODECACHLORODIBENZYL. 22 Nov 66, 23p. TC-2855.
Order from TC: $14.00 as TC-2855

Trans. of Sociedad Espanola de Fisica y Quimica. Anales, v57B p393-402 1961.

NCH-207 587 Field 7C

Kotakis, G.; Kotakis, E.
DIFFERENTIAL THERMAL ANALYSIS IN ORGANIC CHEMISTRY. 22 Nov 66, 16p. TC-2997.
Order from TC: $13.00 as TC-2997

Trans. of Chemika Chronika (Greek) v31B n2 p25-32 1966.

NCH-207 593 Field 7C, 11I

Korshak, V. V.
SYNTHESIS OF GRAFT COPOLYMERS IX. 22 Nov 66, 9p. TC-3139.
Order from TC: $9.00 as TC-3139

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v4 n10 p1469-73 1962.

NCH-207 596 Field 7C

Schranz, K. W.; Puschel, W.
4, 4'-BIS-DIAKYLAMINO-AZOBENZENE. A CONTRIBUTION TO THE OXIDATION COUPLING OF THE p-PHENYLENE DIAMINE. 28 Nov 66, 12p. TC-2143.
Order from TC: $9.50 as TC-2143

Trans. of Mitteilungen aus den Forschungslaboratorien der Agfa Leverkusen-Muenchen (West Germany) v4 p368-75 1964.

NCH-207 627 Field 7C, 11I

Takuro Hayahara; Seiji Takao.
STUDIES ON CONCENTRATED SOLUTIONS OF ACRYLONITRILE COPOLYMERS. II. ELASTIC BEHAVIOR OF NETWORK STRUCTURE IN CONCENTRATED SOLUTION. 28 Nov 66, 13p. TC-2631.
Order from TC: $12.00 as TC-2631

Trans. of Kobunshi Kagaku (Japan) v23 p181-6 1966.

NCH-207 637 Field 7C, 11I

Barnaba, P.
POLYMERIZATION OF TETRAFLUOROETHYLENE OXIDE. 1967, 13p. TC-2658.
Order from TC: $9.00 as TC-2658

Trans. of Chimica e l'Industria (Italy) v47 n10 p1060-3 1965.
Trans. of pages 1060-6 available from NLL.

NCH-207 639 Field 7C, 11C

Rechmann, H.
THE INFLUENCE OF PARTICLE SIZE AND PARTICLE CHARGE ON INTERACTIONS BETWEEN PIGMENTS AND OTHER SUBSTANCES, EXEMPLIFIED BY TITANIUM DIOXIDE. 1967, 33p. TC-2662.
Order from TC: $28.00 as TC-2662

Trans. of F.A.T.I.P.E.C. Congr. (sic) v7 p3-18 1964.

NCH-207 656 Field 7C

Kargin, V. A.
REGULATING THE SUPRAMOLECULAR STRUCTURE OF POLYMERS BY THE ADDITION OF ARTIFICIAL CRYSTALLIZATION NUCLEI. 1967, 4p. TC-2678.
Order from TC: $5.00 as TC-2678

Trans. of Akademiya Nauk SSSR. Doklady, v156 n5 p1156-8 1964.

NCH-207 657 Field 7C, 13H

Schubert, H.
COMPARISON OF THE FLOTATION BEHAVIOR OF SYLVITE, ROCK SALT AND QUARTZ WITH N-ALKYLAMINES. 1967, 15p. TC-2680.
Order from TC: $12.00 as TC-2680

Trans. of Freiberger Forschungshefte. Reihe A. Bergbau (East Germany) v326 p77-90 1964.

NCH-207 668 Field 7C

Jenckel, E.
THE POLYMERIZATION KINETICS OF VINYL CHLORIDE. 28 Nov 66, 25p. TC-2741.
Order from TC: $19.00 as TC-2741

Trans. of Makromolekulare Chemie (Switzerland) v4 p15-40 1949.

NCH-207 669 Field 7C

Grigull, U.; Bach, J.
THE SURFACE TENSION AND STATE VARIABLES USED FOR WATER. 28 Nov 66, 8p. TC-2745.
Order from TC: $7.50 as TC-2745

Trans. of Brennstoff-Waerme-Kraft (West Germany) v18 n2 p73-5 1966.

NCH-207 671 Field 7C

Martin, H.; Reinacker, R.; Ziegler, K.
OBSERVATIONS ON METAL ALKYLS AND ORGANOMETALLIC CATALYSTS. 28 Nov 66, 7p. TC-2750.
Order from TC: $6.50 as TC-2750

Trans. of Brennstoff-Chemie (West Germany) v47 n2 p33-5 1966.

NCH-207 674 Field 7C

Alphen, J. van
THE FUNCTION OF ELEMENTAL SULFUR IN ORGANIC CHEMISTRY. 28 Nov 66, 20p. TC-2761.
Order from TC: $17.00 as TC-2761

Trans. of Chemisch Weekblad (Netherlands) v54 p17-24 1958.

NCH-207 676 Field 7C, 7B

Raudsepp, Kh. T.; Mikkal, M. D.
THE OXIDATION OF LOWER HYDROCARBONS WITH OXYGEN AND METAL OXIDES. 28 Nov 66, 8p. TC-2770.
Order from TC: $8.00 as TC-2770

Trans. of Politekhnicheskii Institut, Tallinn. Trudy (Estonian SSR) ser A n198 p109-16 1962.

NCH-207 677 Field 7C

Fischer, E.
SOME REACTIONS OF PHENYLHYDRAZINE AND HYDROXYLAMINE. 28 Nov 66, 6p. TC-2787.
Order from TC: $4.00 as TC-2787

Trans. of Chemische Berichte (West Germany) v32 p1930-6 1899.

NCH-207 678 Field 7C

Kjellin, C.
CONCERNING SUBSTITUTED HYDROXYLAMINES. 28 Nov 66, 8p. TC-2788.
Order from TC: $5.50 as TC-2788

Trans. of Chemische Berichte (West Germany) v26 p2377-85 1893.

NCH-207 679 Field 7C

Curtius, T.
EFFECT OF CARBAMIC AZIDE ON MALONIC ESTER AND ON BARBITURIC ACID. 28 Nov 66, 9p. TC-2789.
Order from TC: $7.50 as TC-2789

Trans. of Chemische Berichte (West Germany) v56 p1577-83 1923.

NCH-207 680 Field 7C

Stolle, R.
CONCERNING CARBONYL-DIPHENYLHYDRAZINE.

28 Nov 66, 4p. TC-2790.
Order from TC: $3.00 as TC-2790

Trans. of Chemische Berichte (West Germany) v57 p1063-6 1924.

NCH-207 685 Field 7C

Skraup, S.; Beifuss, W.
SUPERHEATING OF HOMOGENEOUS ORGANIC COMPOUNDS. IV: SOME CYCLOHEXANE DERIVATIVES.
28 Nov 66, 7p. TC-2812.
Order from TC: $5.50 as TC-2812

Trans. of Chemische Berichte (West Germany) v60 p1070-4 1927.

NCH-207 698 Field 7C

Curtius, T.; Schmidt, F.
THE DECOMPOSITION OF CARBAMIC ACID AZIDE $NH_2CO.N_3$ BY ITSELF AND IN AROMATIC HYDROCARBONS. 28 Nov 66, 17p. TC-2848.
Order from TC: $16.00 as TC-2848

Trans. of Journal fuer Praktische Chemie (East Germany) v105 n2 p177-98 1923.

NCH-207 699 Field 7C

Watanobe, T.; Shibuya, M.
DETERMINATION OF THE CARBONYL GROUPS IN DIALDEHYDE STARCH BY THE SODIUM BOROHYDRIDE METHOD. 28 Nov 66, 6p. TC-2854.
Order from TC: $6.00 as TC-2854

Trans. of Bunseki Kagaku (Japan) v15 p176-9 1966.

NCH-207 701 Field 7C

Balaban, L.
ATMOSPHERIC AGEING OF DYED POLYPROPYLENE.
28 Nov 66, 6p. TC-2860.
Order from TC: $7.50 as TC-2860

Trans. of Chemicky Prumysl (Czechoslovakia) v15 n3 p158-60 1965.

NCH-207 709 Field 7C

Yasnitskii, B. G.
DERIVATIVES OF CYCLIC ACETALS. I: CYCLIC CHLOROACETALS AND THEIR DERIVATIVES. 28 Nov 66, 8p. TC-2891.
Order from TC: $7.00 as TC-2891

Trans. of Zhurnal Obshchei Khimii (USSR) v34 n6 p1940-5 1964.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 710 Field 7C

Levkojev, I. I.; Lifsic, E. B.; Natanson, S. V.
EFFECT OF THE OPTICAL SENSITIZATION OF POLYMETHINE DYES AS A FUNCTION OF THEIR STRUCTURE AND PHYSICOCHEMICAL PROPERTIES.
28 Nov 66, 18p. TC-2893.
Order from TC: $17.00 as TC-2893

Trans. of Chemicke Listy (Czechoslovakia) v60 p791-806 1966.

NCH-207 718 Field 7C, 7D

Vylet, J.
ALKALINE ACTIVATED POLYMERIZATION OF 6-CAPROLACTAM. 28 Nov 66, 10p. TC-2952.
Order from TC: $9.50 as TC-2952

Trans. of Chemicky Prumysl (Czechoslovakia) v15 p722-4 1965.

NCH-207 724 Field 7C

Brodman, F.
SULFOCHLORINATION OF COPPER PHTHALOCYANINE. 28 Nov 66, 8p. TC-2983.
Order from TC: $8.00 as TC-2983

Trans. of Revista de Chimie (Rumania) v17 n2 p74-7 1966.

NCH-207 725 Field 7C

Kozina, M. P.
POLYMERIZATION ENTHALPIES OF N-SUBSTITUTED LACTAMS. 28 Nov 66, 5p. TC-2987.
Order from TC: $5.00 as TC-2987

Trans. of Akademiya Nauk SSSR. Doklady, v127 n3 p561-3 1959.

NCH-207 817 Field 7C

Vorozhtsov, N. N.; Kozlov, V. V.
RESEARCHES IN A NAPHTHALENE SERIES. VIII. TOWARDS THE QUESTION OF OBTAINING 4-NITRO-1-NAPHTHALAMINE AND OF A SINGLE AZODYE FROM IT (Issledovanie v Naftalinovom Ryadu K Voprosu o Poluchenii 4-Nitro-1-Naftalamina i ob Odnom Azokrasitele iz Nego). Sep 66, 5p, 7refs. RTS-3542.
Order from NLL: 7s 6d as RTS-3542

Trans. of Zhurnal Obshchei Khimii (USSR) v9 n7 p587-9 1939.

NCH-207 821 Field 7C, 7D

Minachev, Kh. M.
THE ALKYLATION OF BENZENE WITH PROPYLENE ON SYNTHETIC ZEOLITES. 5 Dec 66, 14p. TC-2906.
Order from TC: $12.00 as TC-2906

Trans. of Neftekhimiya (USSR) v5 n5 p676-82 1965.

NCH-207 850 Field 7C

Mark, H. F.
THE SYNTHESIS OF POLYMERS RESISTANT TO HIGH TEMPERATURES. 5 Dec 66, 14p. TC-2993.
Order from TC: $11.00 as TC-2993

Trans. of Chemiker Zeitung (West Germany) v90 n12 p403-8 1966.

NCH-207 851 Field 7C

Makarevich, N. I.
STRUCTURAL INVESTIGATION OF THE alpha- AND beta-FORM OF POLYVINYLIDENE FLUORIDE.
5 Dec 66, 9p. TC-2994.
Order from TC: $9.00 as TC-2994

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v7

n10 p1673-7 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 882 Field 7C

Zamorsky, Z.
THE STRUCTURE OF IMPACT RESISTANT POLYSTYRENE. 5 Jan 67, 16p. TC-3072.
Order from TC: $15.00 as TC-3072

Trans. of Chemicky Prumysl (Czechoslovakia) v15(40) n6 p341-7 1965.

NCH-207 892 Field 7C

Volokhina, A. V.
POLYCONDENSATION REACTIONS IN THE SOLID STATE. III. POLYCONDENSATION OF p-AMINOALKYLPHENYLALKANOIC ACIDS IN THE SOLID STATE. 5 Jan 67, 8p. TC-3091.
Order from TC: $7.00 as TC-3091

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v2 n1 p92-6 1960.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 893 Field 7C, 7D

Volokhina, A. V.; Kudryavtsev, G. P.
POLYCONDENSATION REACTIONS IN THE SOLID PHASE. II. POLYCONDENSATION OF AMINOHEPTANOIC ACID IN THE SOLID PHASE IN THE PRESENCE OF CATALYSTS. 5 Dec 66, 17p. TC-3092.
Order from TC: $15.00 as TC-3092

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v1 n11 p1724-32 1959.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 894 Field 7C

Volokhina, A. V.; Kudryavtsev, G. I.
POLYCONDENSATION OF omega-AMINOENANTHIC, omega-AMINOPELARGONIC AND omega-AMINOUNDECANOIC ACIDS IN THE SOLID PHASE. 5 Dec 66, 8p. TC-3093.
Order from TC: $7.50 as TC-3093

Trans. of Akademiya Nauk SSSR. Doklady, v127 n6 p1221-4 1959.

NCH-207 900 Field 7C

Atarashi Yuji.
COPOLYMERIZATION OF 4-METHYLPENTENE-1 WITH HEXENE-1. 1967, 14p. TC-3103.
Order from TC: $12.00 as TC-3103

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n12 p2487-90 1965.

NCH-207 902 Field 7C

Kolesnikov, G. S.
POLYPHENATRIDINYLAMIDES AND POLYDIAZAPYRENYLENE ALKYLS (ARYLS). 1967, 2p. TC-3110.
Order from TC: $2.00 as TC-3110

Trans. of Vysokomolekulyarne Soedineniya (USSR) v8 n6 p1135-6 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 910 Field 7C

Chwala, A.; Bartek, W.
SEVERAL CONDENSATION REACTIONS OF GLYOXAL. 1967, 5p. TC-3127.
Order from TC: $5.00 as TC-3127

Trans. of Montshefte fuer Chemie (Austria) v82 p652-5 1951.

NCH-207 911 Field 7C

Miksic, J.
THE REACTION OF GLYOXAL WITH RESORCINOL. 1967, 6p. TC-3128.
Order from TC: $5.00 as TC-3128

Trans. of Journal fuer Praktische Chemie (East Germany) v127 n2 p189-94 1939.

NCH-207 914 Field 7C

Kurilenko, A. I.
THE EFFECT OF POLYSTYRENE GRAFTING ON THE SURFACE PROPERTIES OF KAPRON AND LAVSAN FIBERS. 1967, 8p. TC-3143.
Order from TC: $8.50 as TC-3143

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v8 n7 p1164-8 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 023 Field 7C

Guseinov, M. M.; Salakhov, M. S.; Kyazimova, T. G.
DIELS-ALDER REACTION OF HEXACHLOROCYCLOPENTADIENE WITH cis-4-CYCLOHEXENE-1,2-DICARBOXYLIC ANHYDRIDE. 10 Apr 67, 5p. ATS-84U99R.
Order from ATS: $8.50 as ATS-84U99R

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR, Baku. Doklady, v22 n2 p28-31 1966.

NCH-208 034 Field 7C, 13H

Matsuo, T.; Oyama, Y.; Tanimoto, H.; Hashida, W.; Teramoto, S.
FERMENTATIVE PRODUCTION OF GLUTAMIC ACID AND ITS APPLICATIONS. X: EFFECTS OF ANTIBIOTICS ON GLUTAMIC ACID FERMENTATION. PT. 3: EFFECTS OF PENICILLIN AND BIOTIN. 10 Apr 67, 13p. ATS-05U100J.
Order from ATS: $24.90 as ATS-05U100J

Trans. of Hakko Kogaku Zasshi (Japan) v44 n12 p915-24 1966.

NCH-208 038 Field 7C

Fedorova, V. V.; Belenkii, M. S.; Sinovich, I. D.; Zinoveva, L. A.; Lezhneva, I. M.
PREPARATION OF HYDROQUINONE AND RESORCINOL FROM p- AND m-DIISOPROPYLBENZENE. 10 Apr 67,

4p. ATS-43T98R.
Order from ATS: $7.65 as ATS-43T98R

Trans. of mono. Sintez i Svoistva Monomerov, n.p., 1964 p189-92, pub. as Konf. po Vysokomolekul. Soedin. (no. 12) 1962. Sbornik Rabot, n.p., 1964 p189-92.

D. Physical chemistry

NCH-203 241 Field 7D

Shchukarev, S. A.
INVESTIGATION OF MOLYBDENUM HALIDES. DETERMINATION OF THE FORMATION ENTHALPY OF MOLYBDENUM TETRABROMIDE. 30 Dec 65. BISI-4508.
Order from BISI: L2 10s as BISI-4508

Trans. of Leningrad Univ. Vestnik (USSR) v16 n22, Seriya Fiziki i Khimii, n4 p127-9 1961.

NCH-205 074 Field 7D, 20D

Pekhteleva, N. I.
HYDRODYNAMICS OF THE ELECTROLYTE DURING ELECTROCHEMICAL PROCESSES IN A RECTANGULAR TANK WITH PLANE ELECTRODES IN A CONSTANT MAGNETIC FIELD. 1967, 6p. TC-2125.
Order from TC: $5.50 as TC-2125

Trans. of Magnitnaya Gidrodinamika (Latvian SSR) n2 p89-91 1965.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-206 832 Field 7D

Antipin, L. N.; Vazhenin, S. F.; Verkhovets, V. T.; Nerubashchenko, V. V.
INVESTIGATION OF SOME PHYSIOCOCHEMICAL PROPERTIES OF FLUORIDE-CHLORIDE MELTS. 4 Jan 67, 5p. ATS-98T97R.
Order from ATS: $9.00 as ATS-98T97R

Trans. of Vses. Soveshch. po. Fiz. Khim. Rasplavlen. Solei (no. 2) Kiev, 1963. Trudy, n.p., 1965 p93-8.

NCH-206 854 Field 7D

Antipin, L. N.
EFFECT OF CRYSTALLIZATION CONDITIONS ON THE POSITION OF THE TRANSITION LINES IN THE SYSTEM CRYOLITE-ALUMINA. 4 Jan 67, 8p. ATS-99T97R.
Order from ATS: $14.75 as ATS-99T97R

Trans. of Vses. Soveshch. po. Fiz. Khim. Rasplavlen. Solei (no. 2) Kiev, 1963. Trudy, n.p., 1965 p41-7.

NCH-207 255 Field 7D, 11F

Martynkevich, G. M.
THE RELATION BETWEEN MOLECULAR SPECIES IN THE VAPOUR WITH THOSE OF THE LIQUID (O Svyazi Strukturnykh Edinits para so Strukturnymi Edinitsami Zhidkosti). Jun 66, 5p, 10refs. RTS-3246.
Order from NLL: 7s 6d as RTS-3246

Trans. of mono. Stroe. i Fiz. Svois. Vesh. v Zhid. Sost. Mat. 4 Soves (sic) Kiev, 1959. Paper, n.p., 1962 p92-5.

NCH-207 381 Field 7D

Polyvyannyi, I. P.; Avrov, V. G.
ON THE KINETICS OF INTERACTION BETWEEN CUPROUS SULPHIDE AND OXIDE (K Voprosu Kinetiki Vzaimodeistvia Polusernistoi Medi s Zakisiu Medi). 1966, 9p, 6refs. RTS-3476.
Order from NLL: 17s 6d as RTS-3476

Trans. of Gosudarstvennyi Nauchno-Issledovatelskii Institut Tsvetnykh Metallov. Sbornik Nauchnykh Trudov (USSR) n5 p12-8 1962.

NCH-207 461 Field 7D

Suvorov, V. A.; Borodulina, L. P.
A NOMOGRAM FOR THE DETERMINATION OF THE VAPOUR CONTENT WHEN STEAM IS BUBBLED THROUGH WATER (Nomogramma dlya Opredeleniya Parosoderzheniya pri Barbotazhe Para Vodu). Sep 66, 2p. RTS-3313.
Order from NLL: 5s as RTS-3313

Trans. of Teploenergetika (USSR) v10 n12 p89-90 1963.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 487 Field 7D

Gorokhov, L. N.
MASS-SPECTROMETRIC ANALYSIS OF VAPOUR COMPOSITION BY MEANS OF A DOUBLE EFFUSION CHAMBER (Primenenie Dvoinoi Effuzionnoi Kamery v Mass-Spektrometricheskikh Issledovaniyakh Sostava Para). Sep 66, 4p, 5refs. RTS-3358.
Order from NLL: 7s 6d as RTS-3358

Trans. of Moscow Univ. Vestnik (USSR) n6 p231-3 1958.

NCH-207 575 Field 7D

Kocot-Bonczkowa, D.
STUDY ON THE DISTRIBUTION OF THE POTENTIAL INSIDE A DIPOLAR POWDER CARBON ELECTRODE. I. THE EFFECT OF CHANGES IN THE PARAMETERS OF ELECTROLYSIS. 22 Nov 66, 18p. TC-2920.
Order from TC: $14.00 as TC-2920

Trans. of Przemysl Chemiczny (Poland) v45 n2 p63-6 1966.

NCH-207 576 Field 7D

Koneczny, H.
POSSIBILITY OF LOWERING THE NaCl CONCENTRATION IN THE SODA PROCESS. 22 Nov 66, 9p. TC-2922.
Order from TC: $7.50 as TC-2922

Trans. of Przemysl Chemiczny (Poland) v45 n2 p72-4 1966.

NCH-207 579 Field 7D

Ruf, E.
PHOTOMETRIC DETERMINATION OF CATION TENSIDES AND CATION-ACTIVE AMPHOTENSIDES. 22 Nov 66, 12p. TC-2946.
Order from TC: $11.00 as TC-2946

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v204 p344-55 1964.

NCH-207 591 Field 7D

Hartl, M.; Pauli, E. H.
DIELECTRIC PROPERTIES OF $Ta^{2}O^{5}$-FILMS IN

ELECTROLYTES. 22 Nov 66, 12p. TC-3115.
Order from TC: $9.50 as TC-3115

Trans. of Electrochimica Acta (U. S.) v11 p1417-24 1966.

NCH-207 604 Field 7D, 11B

Kohlrausch, F.
ON THE SOLUBILITY OF SOME GLASSES IN COLD WATER. 28 Nov 66, 44p. TC-2508.
Order from TC: $29.00 as TC-2508

Trans. of Physik und Chemie (sic) v44 p577-622 1891.

NCH-207 612 Field 7D

Gires, F.; Combaud, F.
SATURATION OF THE OPTICAL ABSORPTION OF SOME PHTHALOCYANINE SOLUTIONS. 28 Nov 66, 11p. TC-2580.
Order from TC: $8.50 as TC-2580

Trans. of Journal de Physique (France) v26 p325-30 1966.

NCH-207 628 Field 7D

Kuntzel, A.; Doehner, K.
STUDIES ON THE FORMATION OF STARCH PASTE. V: QUANTITATIVE DETERMINATION OF THE HEAT OF PASTE FORMATION. 28 Nov 66, 13p. TC-2632.
Order from TC: $9.00 as TC-2632

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v88 n2 p209-15 1939.

NCH-207 636 Field 7D, 7C

Solyanikov, V. M.; Denisov, E. T.
OXIDATION OF ISOPROPYL ALCOHOL BY COBALT (III) ACETYLACETONATE. 1967, 7p. TC-2657.
Order from TC: $6.50 as TC-2657

Trans. of Neftekhimiya (USSR) v6 n1 p97-100 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 640 Field 7D

Furtig, H.; Wolf, F.
STUDY OF THE PROPERTIES OF ION-EXCHANGED MOLECULAR SIEVES OF THE TYPE A BY GAS CHROMATOGRAPHY. 1967, 13p. TC-2665.
Order from TC: $13.00 as TC-2665

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v69 n9/10 p842-8 1965.

NCH-207 661 Field 7D, 12B

Pompowski, T.
VELOCITY DISTRIBUTION IN AQUEOUS ELECTROLYTE SOLUTION SUBJECTED TO ELECTROMAGNETIC CONVECTION IN CYLINDRICAL SYSTEMS. I. MATHEMATICAL STUDIES. 1967, 20p. TC-2729.
Order from TC: $13.00 as TC-2729

Trans. of Chemia Stosowana. Seria A: Kwartalnik Poswiecony Zagadnieniom Technologii Chemicznej (Poland) 3a p309-19 1964.

NCH-207 666 Field 7D

Batzer, H.; Nisch, A.
THE STRUCTURE OF POLYVINYL CHLORIDE. 28 Nov 66, 2p. TC-2740A.
Order from TC: $2.50 as TC-2740A

Trans. of Makromolekulare Chemie (Switzerland) v16 p69-70 1955.

NCH-207 670 Field 7D

Moller, K. E.
NEWS IN THE FIELD OF THE KOCH CARBOXYLIC ACID SYNTHESIS. 28 Nov 66, 15p. TC-2749.
Order from TC: $12.00 as TC-2749

Trans. of Brennstoff-Chemie (West Germany) v47 n1 p10-6 1966.

NCH-207 682 Field 7D

Caid, M.; Hajal, I.; Combourieu, J.
PROPAGATION OF THE DETONATION IN PURE OR DILUTE CHLORINE DIOXIDE. THEORETICAL STUDY: DETONATION SWIFTNESS, INFLUENCE OF THE DIAMETER OF THE TUBE AND "SPIN". 28 Nov 66, 12p. TC-2796.
Order from TC: $9.00 as TC-2796

Trans. of Societe Chimique de France. Bulletin, n1 p168-73 1966.

NCH-207 687 Field 7D

Piontelli, R.
ELECTROCHEMISTRY. CONTRIBUTION TO THE KNOWLEDGE OF ANODIC PHENOMENA IN CELLS FOR THE PRODUCTION OF ALUMINUM. I: OVERVOLTAGE EFFECTS. 28 Nov 66, 13p. TC-2823.
Order from TC: $9.00 as TC-2823

Trans. of Accademia Nazionale dei Lincei. Classe di Scienze Fisiche, Matematiche e Naturali. Rendinconti (Italy) v3 n1/2 p3-8 1964.

NCH-207 690 Field 7D, 7A

Donges, E.; Janson, H. G.
LOWERING OF THE CURRENT COSTS OF HYDROCHLORIC ACID ELECTROLYSIS. 28 Nov 66, 5p. TC-2826.
Order from TC: $4.50 as TC-2826

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 p443-5 1966.

NCH-207 692 Field 7D

Gruz, E.; Devay, J.
EFFECT OF ALTERNATING CURRENT ON THE ELECTROLYTIC CORROSION OF METALS. 28 Nov 66, 10p. TC-2835.
Order from TC: $8.50 as TC-2835

Trans. of Electrochimica Acta (U. S.) v9 p911-8 1964.

NCH-207 694 Field 7D

Piontelli, R.
ELECTROCHEMISTRY: CONTRIBUTION TO THE KNOWLEDGE OF THE ANODIC PHENOMENA IN ALUMINUM-PRODUCING CELLS. 28 Nov 66, 15p. TC-2838.

Order from TC: $13.00 as TC-2838

Trans. of Accademia Nazionale dei Lincei. Classe di Scienze Fisiche, Matematiche e Naturali. Rendiconti (Italy) v36 n6 p759-70 1964.

NCH-207 711 Field 7D

Danusso, F.
CONCERNING THE POLYMERIZATION OF VINYL CHLORIDE. I: KINETIC CHARACTERISTICS OF BLOCK POLYMERIZATION. 28 Nov 66, 21p. TC-2914.
Order from TC: $16.00 as TC-2914

Trans. of la Chimica e l'Industria (Italy) v35 p881-7 1953.

NCH-207 712 Field 7D

Breitenbach, J. W.; Schindler, A.
KINETIC INVESTIGATION OF THE POLYMERIZATION OF VINYL CHLORIDE. 28 Nov 66, 2p. TC-2915.
Order from TC: $3.00 as TC-2915

Trans. of Akademie der Wissenschaften, Munich. Mathematisch-Wissenschaftliche Klasse. Sitzungsberichte (West Germany) v158 n3 p429-31 1949.

NCH-207 714 Field 7D

Sucharda, J.
PRODUCTION OF HYDROGEN AND CHLORINE BY THE ELECTROLYSIS OF HYDROCHLORIC ACID. 28 Nov 66, 6p. TC-2919.
Order from TC: $6.00 as TC-2919

Trans. of Chemicky Prumysl (Czechoslovakia) v15 p690-1 1965.

NCH-207 726 Field 7D, 11I

Paukov, I. E.
ISOBARIC-ISOTHERMAL POTENTIAL CHANGE UNDER STANDARD CONDITIONS OF epsilon-CAPROLACTAM POLYMERIZATION REACTION. 28 Nov 66, TC-2988.
Order from TC: $4.00 as TC-2988

Trans. of Akademiya Nauk SSSR. Doklady, v126 n2 p325-6 1959.

NCH-207 730 Field 7D

Blagonravova, A. A.; Pronina, I. A.; Arefeva, S. M.
CATALYTIC EFFECT OF METAL COMPOUNDS ON THE REACTION BETWEEN ISOCYANATES AND HYDROXYL-CONTAINING COMPOUNDS (Kataliticheskoe Deistvie Soedinenii Metallov na Reaktsiyu Izotsianatov a Gidroksilsoderzhashchimi Soedineniyami). Oct 66, 6p, 10refs. RTS-3471.
Order from NLL: 7s 6d as RTS-3471

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) v1 p3-5 1965.

NCH-207 731 Field 7D

Santos, J. J. H. dos.
CONDUCTIVITY OF AQUEOUS SOLUTIONS OF SODIUM HYDROXIDE AND SODIUM CARBONATE. 28 Nov 66, 22p. TC-3047.
Order from TC: $14.00 as TC-3047

Trans. of Tecnica (Portugal) v38 n337 p439-51 1964.

NCH-207 813 Field 7D

Shalkauskas, M. I.; Stulgens, S. P.
ELECTROLYSIS OF ALKALINE SOLUTIONS OF HYPOCHLORITE AND CHLORITE WITH AN ELECTRIC GLOW DISCHARGE. 5 Dec 66, 10p. TC-2859.
Order from TC: $8.50 as TC-2859

Trans. of Elektrokhimiya (USSR) v2 n5 p542-6 1966.

NCH-207 832 Field 7D

Dobryshin, K. D.
POTENTIOMETRIC DETERMINATION OF CHLORINE DIOXIDE, CHLORINE, AND THEIR MIXTURES IN LIQUID AND GASEOUS PHASES. 5 Dec 66, 5p. TC-2937.
Order from TC: $4.00 as TC-2937

Trans. of Zhurnal Analiticheskoi Khimii (USSR) v20 n6 p752-4 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 835 Field 7D

Bergwein, K.
DEODORIZING AND DISINFECTING AIR SPRAYS AND THEIR PERFUMING. 5 Dec 66, 9p. TC-2945.
Order from TC: $7.00 as TC-2945

Trans. of Seifen-Oele-Fette-Wachse (West Germany) v91 n19 p625-7 1965.

NCH-207 846 Field 7D

Yasnitskii, B. G.
KINETICS OF THE CHLOROSULFONATION PROCESS II. 5 Dec 66, 13p. TC-2976.
Order from TC: $9.50 as TC-2976

Trans. of Zhurnal Obshchei Khimii (USSR) v23 p1953-60 1953.

NCH-207 852 Field 7D

Watanabe, M.; Kobayashi, Y.
STUDIES ON ANALYTICAL METHODS FOR THE CHEMICAL COMPONENTS OF TOBACCO SMOKE. I. DETERMINATION OF CARBON MONOXIDE AND CARBON DIOXIDE CONTAINED IN CIGARETTES BY GAS CHROMATOGRAPHY. 5 Dec 66, 9p. TC-2995.
Order from TC: $9.00 as TC-2995

Trans. of Nihon Senbai Kosha Chuo Kenkyusho Kenkyu Hokoku (Japan) v107 p177-80 1965.

NCH-207 856 Field 7D

Sivers, Yu. G.; Kabanov, B. N.
LIMITING CURRENT, CONCENTRATION POLARISATION AND DIFFUSION COEFFICIENTS (Predelnyi Tok, Kontsentratsionnaya Polyarizatsiya i Koeffitzienty Diffuzii). Sep 66, 16p, 7refs. RTS-3393.
Order from NLL: 22s 6d as RTS-3393

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v23 p428-36 1949.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 867 Field 7D

Micka, K.
THE THEORY OF POROUS ELECTRODES I. FUNDAMENTAL EQUATIONS. 5 Dec 66, 15p. TC-3046.
Order from TC: $12.00 as TC-3046

Trans. of Collection of Czechoslovak Chemical Communications, v29 n9 p1998-2007 1964.

NCH-207 872 Field 7D

Rempel, S. I.
POLAROGRAPHIC DETERMINATION OF THE HYDROGEN-ION CONCENTRATION IN MELTS. 5 Dec 66, 5p. TC-3055.
Order from TC: $5.00 as TC-3055

Trans. of Akademiya Nauk SSSR. Doklady, v74 n2 p331-3 1950.

NCH-207 876 Field 7D

Schafer, K.; Stotz, S.
THE HINDERED ENERGY EXCHANGE BETWEEN SOLID MATERIALS AND ABSORBED GAS MOLECULES FOR ORTHO- AND PARA-HYDROGEN. 5 Dec 66, 17p. TC-3063.
Order from TC: $12.00 as TC-3063

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v65 n7/8 p623-8 1961.

NCH-207 915 Field 7D

Pecherskaya, A. G.; Stender, V. V.
CATALYTIC PROPERTIES OF ELECTRODE SURFACES. 1967, 5p. TC-3153.
Order from TC: $4.00 as TC-3153

Trans. of Akademiya Nauk SSSR. Doklady, v75 n6 p831-2 1950.

NCH-208 014 Field 7D

Shashkov, A. S.; Mozzhukhina, V. M.; Krylova, I. V.; Kobozev, N. I.
STUDY OF SUPPORTED CATALYSTS BY THE EXOELECTRONIC EMISSION METHOD. PT. 6: PLATINUM ON MAGNESIUM AND CHROMIUM OXIDES. 10 Apr 67, 5p. ATS-70U99R.
Order from ATS: $8.00 as ATS-70U99R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n8 p1965-8 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 022 Field 7D

Lutskii, A. E.; Antropova, L. A.
SOME RULES FOR THE ELECTRONIC VIBRATION SPECTRA OF SUBSTITUTED AROMATIC HYDROCARBONS. PT. 2: MONOSUBSTITUTED NAPHTHALENES. 10 Apr 67, 11p. ATS-93U99R.
Order from ATS: $16.75 as ATS-93U99R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v39 n9 p2120-30 1965.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 026 Field 7D

Sokolskii, D. V.; Zhusupbekov, B. O.
HYDROGENATION OF UNSATURATED COMPOUNDS ON Pt AND Ni CATALYSTS IN THE PRESENCE OF ALUMINUM OXIDE. 10 Apr 67, 5p. ATS-57U99R.
Order from ATS: $6.80 as ATS-57U99R

Trans. of Akademiya Nauk SSSR. Doklady, v170 n5 p1096-8 1966.

NCH-208 027 Field 7D

Druz, V. A.; Utegulov, N. I.; Sokolskii, D. V.
THE ROLE OF HYDROGEN IN THE DEHYDROGENATION OF CYCLOHEXANE OVER PLATINUM. 10 Apr 67, 6p. ATS-69U99R.
Order from ATS: $10.50 as ATS-69U99R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n7 p1483-8 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 029 Field 7D

Tanatarov, M. A.; Panchenkov, G. M.; Levinter, M. E.
FORMATION OF CARBON (COKE) ON AN ALUMINOSILICATE CATALYST. 10 Apr 67, 10p. ATS-05U99R.
Order from ATS: $14.95 as ATS-05U99R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n7 p1571-7 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 030 Field 7D

Kolesnikov, I. M.; Panchenkov, G. M.; Tretyakova, V. A.
THE ELECTRON PROMOTION OF INACTIVE FORMS OF ZEOLITES WITH PROPYL CHLORIDE IN THE ALKYLATION OF BENZENE WITH PROPYLENE. 10 Apr 67, 2p. ATS-94U99R.
Order from ATS: $3.00 as ATS-94U99R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n6 p1426 1966.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 042 Field 7D

Minachev, Kh. M.; Isakov, Ya. I.
THE ALKYLATION OF BENZENE WITH PROPYLENE ON CRYSTALLINE ALUMINOSILICATES OF THE RARE EARTH ELEMENTS. 10 Apr 67, 5p. ATS-55U99R.
Order from ATS: $8.15 as ATS-55U99R

Trans. of Akademiya Nauk SSSR. Doklady, v170 n1 p99-102 1966.

NCH-208 046 Field 7D

Shuikin, N. I.; Pozdnyak, N. A.; Dobrynina, T. P
ALKYLATION OF BENZENE AND TOLUENE WITH

C_3-C_{12} ALKENES IN THE PRESENCE OF ALUMINUM
10 Apr 67, 5p. ATS-59U99R.
Order from ATS: $8.15 as ATS-59U99R

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n7 p1244-7 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-66-27679 Field 7D

Nikitin, A. A.
INVESTIGATION OF THE RECOMBINATIVE SPECTRUM OF HEAVY ELEMENTS - PART II. IMPROVEMENT OF THE SPECTRAL SCHEME NIII. CE-Trans-2806.
Order from CEGB as CEGB-CE.Trans.2806

Trans. of Leningrad Univ. Vestnik (USSR) v16 n1, Seriya Matematiki, Mekhaniki i Astronomii, n1 p144-64 1961.

TT-67-61038 Field 7D

Schmitz, W.
MEASUREMENT PROBLEMS IN REACTION-VELOCITY INVESTIGATIONS WITH THE POLARIMETER, AS EXEMPLIFIED BY REACTION-VELOCITY TEMPERATURE MEASUREMENT (Messprobleme bei Reaktionskinetischen Untersuchungen mit dem Kreipolarimeter, Dargestellt am Beispiel der Reaktionskinetischen Temperaturmessung). Tr. by Joseph J. Brumbach. Dec 66, 28p, 19refs. WB/T-112.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61038

Trans. of Zeiss Mitteilungen ueber Fortschritte der Technischen Optik (West Germany) v3 n6 p227-49 1964.

E. Radio and radiation chemistry

NCH-207 827 Field 7E

Nothdurft, H.
EXPERIMENTAL SARCOMA STIMULATION BY FOREIGN BODIES WHICH ARE ENCLOSED BY HEALING OVER. 5 Dec 66, 34p. TC-2925.
Order from TC: $18.00 as TC-2925

Trans. of Strahlentherapie (West Germany) v100 p192-210 1956.

TT-67-51354 Field 7E

Vdovenko, V. M., ed.
COPRECIPITATION AND ADSORPTION OF RADIO-ACTIVE ELEMENTS. Tr. by A. Aladjem. 1967, 230p, refs. SFCSI-AEC(TT-67-51354); AEC-tr-6716.
Order from CFSTI: $3.00 as AEC-tr-6716

Trans. of mono. Soosazhdenie i Adsorbtsiya Radioaktivnykh Elementov, Moscow/Leningrad, 1965 195p.

08 EARTH SCIENCES AND OCEANOGRAPHY

TT-67-31143 Field 8-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 53. 4 Apr 67, 40p. JPRS-40499.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31143

B. Cartography

TT-67-61355 Field 8B

Rinner, K.
THE LAW OF PROJECTION AND PROBLEMS OF ORIENTATION IN TWO-MEDIUM PHOTOGRAMMETRY (Abbildungsgesetz und Orientierungsaufgaben in der Zweimedien Photogrammetrie). Tr. by J. W. Hutchison. 1967, 58p, 3refs. NOO-Trans-328.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61355

Trans. of Osterreichische Zeitschrift fuer Vermessungswese (Austria) n5 46p 1948.

TT-67-61414 Field 8B, 5C

Carbonnel, M.
ESTABLISHMENT OF THE NECESSARY PLANIMETRIC BACKGROUND FOR WORK ON PHOTOINTERPRETATION AND INVENTORY OF NATURAL RESOURCES. 1966, 13p, 15refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61414

Trans. of International Photogrammetry Symposium, Prague, 30 Aug-3 Sep 66. Paper, n.p., n.d., and International Photo-Interpretation Symposium, 26-30 Sep 66. Paper, n.p., n.d.

TT-67-61511 Field 8B

STEROTRIGOMAT, A PHOTOGRAMMETRIC EXPLOITATION SYSTEM. Tr. by John M. Willis. 1967, 54p (some figs omitted) 6refs. ACIC-TC-1138.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61511

Trans. of Unidentified German language mono., n.p., 1964 (sic) p2-35.
Publisher unknown, supposedly JENA Works, East Germany, 1964 or later.

C. Dynamic oceanography

NCH-207 460 Field 8C, 12A

Stepanov, S. T.; Boris, L. I.
ON THE EFFECT OF ERRORS IN THE ORIGINAL DATA ON THE ACCURACY OF THE SOLUTION OF BOUNDARY VALUE PROBLEMS OF TIDAL EQUATIONS (Ovliyanii Oshibek Viskhodnykh Dannyk na Tochnost Resheniya Kraevykh Zadach Uravneniya Priliva). Sep 66, 27p, 5refs. RTS-3212.
Order from RTS: 40s as RTS-3212

Trans. of Gidrometeorologicheskii Institut, Leningrad. Trudy (USSR) v17 p167-86 1964.

NCH-207 511 Field 8C

Kuzminskaya, G. G.; Loginov, V. N.
TOWARDS THE QUESTION OF THE TRANSVERSE SPREADING OF WAVE ENERGY (K Voprosu o Poperechnom Rastekanii Volnovoi Energii). Nov 66, 9p, 2refs. RTS-3572.
Order from NLL: 17s 6d as RTS-3572

Trans. of Okeanologiya (USSR) v4 n6 p987-93 1964.

E. Geodesy

TT-61-11147-153 Field 8E, 4A, 3B, 22-

SOVIET-BLOC RESEARCH IN GEOPHYSICS, ASTRONOMY, AND SPACE NO. 153. 4 Apr 67, 65p. JPRS-40496.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-61-11147-153

Also available on subscription $16.00/year, foreign $20.00/year.

TT-67-31200 Field 8E, 22A

Bagramyants, V. O.; Rainot, A. P.
SOME RESULTS OF AN INVESTIGATION OF ON-BOARD GRAVIMETERS BY ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR GEOPHYSICS. 7 Apr 67, 15p, 2refs. JPRS-40556.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31200

Trans. of Prikladnaya Geofizika (USSR) n43 p83-7 1965.

F. Geography

TT-67-61221 Field 8F

GEOGRAPHY, NO. 6, 1966. 24 Feb 67, 33p. J-1482.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61221

Trans. of Geografiya (Bulgaria) n6 p1-18, 22-4 1966.

G. Geology and mineralogy

NCH-207 130 Field 8G, 8J

Kotenev, B. N.
THE SUBMERGED VALLEY OF THE PALEO-ANADYR. Tr. by E. R. Hope. Oct 66, 1p. DSIS-T-469-R; NRC-C-6311.
Order from NRC as C-6311

Trans. of Priroda (USSR) n8 p118-9 1966.

NCH-207 456 Field 8G

Krasheninnikov, V. A.
ZONAL PALEOGENE STRATIGRAPHY OF THE EASTERN MEDITERRANEAN (Zonalnaya Stratigraphia Paleogena Vostochnogo Sredizemnomoriya). Sep 66, 125p, refs. RTS-3537.
Order from NLL: 40s as RTS-3537

Trans. of Akademiya Nauk SSSR. Institut Geologicheskikh Nauk. Trudy, v133 75p 1965.

NCH-207 469 Field 8G

Rasskazova, E. S.
LYCOPODIALES. Jun 66, 8p. RTS-3058.
Order from NLL: 7s 6d as RTS-3058

Trans. of Akademiya Nauk SSSR. Geologicheskii Institut. Trudy, n67 p12-5 1962.

NCH-207 505 Field 8G, 6C

Makridin, V. P.
A MORPHOLOGICAL AND ECOLOGICAL ANALYSIS OF SHELLS FROM JURASSIC BRACHIOPODS AND THE SYSTEMATIC SIGNIFICANCE OF THEIR EXTERNAL AND INTERNAL STRUCTURE (Morfologo-Ekologicheskii i Cheskoe Znachenie Priznakov Ee Naruzhnogo i Vnutrennego Stroeniya). Sep 66, 31p. RTS-3419.
Order from NLL: 40s as RTS-3419

Trans. of mono. Brakhiopody Yurskikh Otlozhenii Russkoi Platformy i Nekotopykh Prilegayushchikh k nei Oblastei, n.p., 1964 p11-26.

NCH-207 538 Field 8G, 6C

Markidin, V. P.
THE MAIN STAGES IN THE EVOLUTION OF BRACHIOPOD FAUNAS IN THE JURASSIC BASINS OF THE RUSSIAN PLATFORM (Osnovne Etapy Istorii Razvitiya Fauna Brakhiopod v Yurskikh Basseinakh Russkoi Platformy). Nov 66, 49p. RTS-3420.
Order from NLL: 40s as RTS-3420

Trans. of mono. Brakhiopody Yurskikh Otlozhenii Russkoi Platformy i Nekotopykh Prilegayushchikh k nei Oblasti, n.p., 1964 p42-78.

NCH-207 605 Field 8G

Miklukho-Maklaj, A. D.
DEVONIAN ALGAE FROM CENTRAL ASIA AND OTHER REGIONS OF THE U.S.S.R. AND THEIR PETROGRAPHIC AND PALEOGEOGRAPHIC SIGNIFICANCE. 28 Nov 66, 6p. TC-2529.
Order from TC: $5.00 as TC-2529

Trans. of Akademiya Nauk SSSR. Doklady, v138 n3 p655-8 1961.

NCH-207 693 Field 8G

La Concha, S.
ASBESTOS, PARADOXICAL MINERAL. 28 Nov 66, 89p. TC-2837.
Order from TC: $28.00 as TC-2837
Trans. of Instituto Geologico y Minero de Espana, Madrid. Boletin, v75 p63-110 1964.

NCH-207 935 Field 8G, 6C

Makridin, V. P.
BRACHIOPODS FROM THE JURASSIC OF THE RUSSIAN PLATFORM AND SOME ADJOINING REGIONS. Nov 66, 167p. RTS-3421.
Order from NLL: 40s as RTS-3421

Trans. of mono. Brakhiopody Yurskikh Otlozhenii Russkoi Platformy i Nekotopykh Prilegayushchikh k Nei Oblastei, n.p., 1964 p93-200.

NCH-208 033 Field 8G

Avchyan, G. M.
THE FEASIBILITY OF ESTIMATING THE ROCK COMPACTION PRESSURE. 10 Apr 67, 3p. ATS-73U98R.
Order from ATS: $5.50 as ATS-73U98R
Trans. of Akademiya Nauk SSSR. Doklady, v170 n2 p399-401 1966.

TT-65-50403/2 Field 8G, 8H

BULLETIN: ENGINEERING GEOLOGY AND HYDROGEOLOGY SERIES B, NO. 4/5, 1964/65. Tr. by Zorica Stojadinovic. 1966, 185p, refs.
SFCSI-Int(TT-65-50403/2
Order from CFSTI: $3.00 as TT-65-50403/2

Trans. of Zavod za Geolosko i Geofizicko Istrazivanje N. R. Srbije. Vesnik. Serija B: Inzenjerska Geologija i Hidrogeologija (Yugoslavia) n4/5 p5-191 1964/65.

TT-66-51041/4/5/6 Field 8G

BULLETIN OF THE MOSCOW SOCIETY FOR NATURAL RESEARCH, VOL. 63: GEOLOGICAL SECTION, VOL. 33, NOS. 4/6, 1958. 1967, 544p, refs.
SFCSI-Int(TT-66-51041/4/5/6).
Order from CFSTI: $3.00 as TT-66-51041/4/5/6

Trans. of Moskovskoe Obshchestvo Ispytatelei Prirody. Byulleten. Otdel Geologicheskii (USSR) v33 n4; n5; n6 1958.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31168 Field 8G, 14B

Kramida, E.; Filippov, E.
PRODUCTION OF INSTRUMENTS FOR X-RAY SPECTRAL ANALYSIS AND NUCLEAR GEOPHYSICS. 4 Apr 67, 8p. JPRS-40524.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31168

Trans. from Izvestiya (USSR) 2 Mar p5 1967.

TT-67-31215 Field 8G, 5D

SOUTH AND EAST ASIA: TRANSLATIONS NO. 150. 7 Apr 67, 27p. JPRS-40571.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31215

I. Mining engineering

NCH-207 652 Field 8I

Soviche, G.
STUDY OF FRACTURE PROPPING UNDER BOTTOM-HOLE CONDITIONS. 1967, 46p. TC-2670.
Order from TC: $28.00 as TC-2670

Trans. of Assoc. Rech. Tech. Forage and Prod. Colloquium (no. 2). Paper, n.p., n10 p187-217 1965.

NCH-207 653 Field 8I

Gay, L.
HYDRAULIC FRACTURING OF SANDSTONE RESERVOIRS IN THE FORT-POLIGNAC BASIN. 1967, 33p. TC-2671.
Order from TC: $23.00 as TC-2671

Trans. of Assoc. Rech. Tech. Forage and Prod. Colloquium (no. 2). Paper, n.p., n30 p487-506 1965.

TT-66-59003/3 Field 8I, 13H, 11F

MINING AND METALLURGY QUARTERLY, NO. 3, 1966. 1967, 72p, refs. SFCSI-Int(TT-66-59003/3).
Order from CFSTI: $3.00 as TT-66-59003/3

Trans. of Rudarsko-Metalurski Zbornik (Yugoslavia) n3 p275-336 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

J. Physical oceanography

TT-67-31170 Field 8J, 8C, 8A, 8H

Manteifel, B. P.
DEVELOPMENT OF UNDERWATER RESEARCH. 5 Apr 67, 161p, refs. JPRS-40526.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31170

Trans. of mono. Razvitie Morskikh Podvodnykh Issledovanii, Moscow, 1965 p3-7, 15-27, 42-72, 82-167.

TT-67-31238 Field 8J

Gershanovich, D. E.
THE CONTINENTAL SHELF AND SOME PROBLEMS OF SCIENTIFIC AND INDUSTRIAL RESEARCH. 12 Apr 67, 16p, 3refs. JPRS-40594.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31238

Trans. of Rybnoe Khozyaistvo (USSR) n9 p5-7; n10 p6-7 1966.

TT-67-61437 Field 8J

Ekman, V. W.
COMPRESSIBILITY OF SEA WATER INCLUDING SOME VALUES FOR WATER AND MERCURY (Die Zusammendrueckbarkeit des Meerwassers Nebst Einigen Werten Fuerwasser und Quecksilber). Tr. by Rudi F. Saenger. 1966, 45p. NOO-Trans-334.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61437

Trans. of International Council for the Exploration of the Sea. Publications de Circonstance, n43 p5-47 1908.

M. Soil mechanics

TT-67-51280 Field 8M

Neustruev, S. S.
A TENTATIVE CLASSIFICATION OF SOIL-FORMING PROCESSES AS RELATED TO SOIL GENESIS (Opyt Klassifikatsii Pochvoobrazovatelnykh Protsessov v Svyazi s Genezisom Pochv). Tr. by N. Kaner. 1967, 52p, refs. SFCSI-Agr(TT-67-51280).
Order from CFSTI: $3.00 as TT-67-51280

Trans. of Geograficheskii Institut, Leningrad. Izvestiya (USSR) v6 48p 1926

N. Terrestrial magnetism

TT-67-60973 Field 8N, 8F

Miliaev, N. A.
MAGNETIC DISTURBANCE IN THE REGION OF DRIFT OF STATION NORTH POLE 8. Tr. by E. R. Hope. Dec 66, 10p, refs. DSIS-T-468-R.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-60973

Trans. of Problemy Arktiki i Antarktiki (USSR) n21 p72-80 1965.

TT-67-61444 Field 8N, 8G

Khramov, A. N.; Rodionov, V. P.; Komissarova, R. A.
NEW DATA ON THE PALEOZOIC HISTORY OF THE GEOMAGNETIC FIELD IN THE USSR; DIPOLE CHARACTER OF THE GEOMAGNETIC FIELD IN THE LATE CAMBRIAN AND THE ORDOVICIAN IN THE SOUTH OF THE SIBERIAN PLATFORM. Tr. by E. R. Hope. Oct 66, 24p, 8refs. DSIS-T-460-R; AD-649 532.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-649 532

Trans. of mono. Nastoyashchee i Proshloe Magnitnogo Polia Zemli, Moscow, 1965 p206-13; and trans. of Geologiya i Geofizika (USSR) n1 p94-101 1966.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

TT-67-61410 Field 9A

Anupyld, A. Yu.
SECOND BREAKDOWN AND RELAXATION OSCILLATIONS IN POINT-CONTACT DIODES (O Vtorom Proboe i Relaksatsionnikh Kolebaniyakh v Tochechno-Kontaktiikh Diodakh). 1966, 7p, 14refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61410

Trans. of Radiotekhnika i Elektronika (USSR) v11 n5 p960-2 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

B. Computers

NCH-208 015 Field 9B, 7C

Raznikov, V. V.; Talroze, V. L.
"TEACHING" A COMPUTER TO RECOGNIZE TWO CLASSES OF ORGANIC COMPOUNDS FROM A FEW SIMILAR MASS-SPECTRUM LINES. 10 Apr 67, 5p. ATS-90U98R.
Order from ATS: $8.25 as ATS-90U98R

Trans. of Akademiya Nauk SSSR. Doklady, v170 n2 p379-82 1966.

TT-67-61483 Field 9B, 9D, 12A

Picard, C.
SOME RECENT IDEAS ON THE PROBLEM OF SORTING. Tr. by Z. Knowles. 1967. 7p, 16refs. NIH-3-25-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61483

Trans. of Revue Francaise de Traitement de l'Information Chiffres, v9 n1 p41-6 1966.

C. Electronic and electrical engineering

TT-67-31123 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 70. 31 Mar 67, 27p. JPRS-40478.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31123

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v18 n4 p123-59 1965.

TT-67-31149 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 71. 4 Apr 67, 52p. JPRS-40505.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31149

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v13 n2 p49-94; n4 p145-91 1960; v17 n1 39p 1964.

TT-67-31154 Field 9C

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 32. 4 Apr 67, 71p. JPRS-40510.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31154

TT-67-31180 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRONICAL ENGINEERING NO. 72. 5 Apr 67, 45p. JPRS-40536.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31180

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v17 n2 p41-79; n12 40p 1964.

TT-67-31202 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 73. 7 Apr 67, 53p. JPRS-40558.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31202

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v13 n3 p97-143; n5 p193-239, 320 1960: v17 n3 p81-119 1964.

TT-67-31208 Field 9C, 9B, 14A

USSR INDUSTRIAL DEVELOPMENT: ELECTRONICS AND PRECISION EQUIPMENT NO. 21. 7 Apr 67, 22p. JPRS-40564.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31208

TT-67-31210 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 74. 7 Apr 67, 41p. JPRS-40566.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31210

Abstract trans. of Wu Hsien Tien (Chinese People's Republic) n2 40p; n3 38p 1960.

TT-67-31213 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 65. 7 Apr 67, 101p. JPRS-40569.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31213

TT-67-31239 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING N NO. 76. 12 Apr 67, 63p. JPRS-40595.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31239

Abstract trans. of Wu Hsien Tien (Chinese People's Republic) n11 24p; n12 24p 1962 and Tien Tzu Chi Shu (Chinese People's Republic) n2 47p 1963: n1 49p; n2 47p 1964.

TT-67-61431 Field 9C

Kalinin, E. V.; Karpova, O. V.; Zepakina, L. P.
THE EFFECT OF WITHSTAND AND RAIN INTENSITY ON WET FLASHOVER VOLTAGES INSULATORS. Tr. by Val S. Lava. 1967, 12p, 5refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61431

Trans. of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v8 p343-50 1961.

TT-67-61432 Field 9C

Merkalev, S. D.
WET FLASHOVER CHARACTERISTICS OF INSULATORS UNDER D-C VOLTAGE. Tr. by Yuri Ksander. 1967, 15p.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61432

Trans. of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v3 p89-99 1958.

TT-67-61433 Field 9C

Aleksandrov, G. N.
PRELIMINARY STUDY OF ELECTRIAL INSULATION STRENGTH ON LINES OF ULTRA-HIGH VOLTAGE. Tr. by Val S. Lava. 1968, 17p, 6refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61433

Trans. from Akademiya Nauk SSSR. Izvestiya. Energetika i Transport, n2 1963.

TT-67-61434 Field 9C

Kalinin, E. V.; Merkhalev, S. D.; Ryabov, B. M.
FLASHOVER VOLTAGES FOR AIR GAPS OF VARIOUS FORM UNDER DIRECT AND PULSATING VOLTAGES. Tr. by Yuri Ksander. 1967, 15p, 2refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61434

Trans. of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v7 p26-35 1961.

TT-67-61435 Field 9C

Tikhodeev, N. N.
THE DISCUSSION OF OBSERVED REGULARITIES IN THE FLASHOVER DEVELOPMENT ACROSS AN INSULATOR STRING IN RAIN. Tr. by Yuri Ksander. 1967, 26p, 12refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61435

Trans. of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v9 p192-211 1962.

TT-67-61436 Field 9C

Solomonov, N. M.
THE OPERATING EXPERIENCE ON SUSPENSION INSULATORS WITH SEMI-CONDUCTING GLAZE IN AREAS OF INTENSIVE INDUSTRIAL CONTAMINATION. Tr. by Yuri Ksander. 1967, 16p, 9refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61436

Trans. of Nauchno-Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) v9 p211-20 1962.

D. Information theory

TT-67-31108 Field 9D, 12B

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 37, 30 Mar 67, 40p. JPRS-40463.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31108

TT-67-31142 Field 9D, 9B, 12B, 6D

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 24. 4 Apr 67, 33p. JPRS-40498.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31142

E. Subsystems

NCH-208 035 Field 9E

Sugi, C.
FOUR-TERMINAL EQUIVALENT CIRCUIT OF SOLID HORN AND ITS TRANSMISSION CHARACTERISTICS. 10 Apr 67, 12p. ATS-95U99J.
Order from ATS: $16.50 as ATS-95U99J

Trans. of Yamanashi Daigaku Kogakubu Kenkyu Hokoku (Japan) n11 p95-103 Dec 1960.

TT-67-60642 Field 9E, 9A

Merkhalev, S. D.; Solomonik, E. A.; Stepina, N. I.; Filippov, A. A.
DISCHARGE CHARACTERISTICS AND MECHANISMS OF DAMP, CONTAMINATED INSULATION. 1966, 125p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-60642

Trans. of Nauchno Issledovatelskii Institut Postoyannogo Toka. Izvestiya (USSR) n11 p3-140 1965.

TT-67-61411 Field 9E

Lukin, N. I.; Petrova, E. S.
A PHOTOELECTRIC COLOR COMPARATOR (Fotoelektricheskii Komparator Tsveta). 1966, 9p, 3refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61411

Trans. of Svetotekhnika (USSR) v11 n9 p16-9 1965.

TT-67-61516 Field 9E

Govorun, N. N.
ON FINDING THE CURRENT DISTRIBUTION ON THE SURFACE OF A THIN IMPEDANCE DIPOLE-BODY OF REVOLUTION. 1967, 5p, 6refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61516

Trans. of Zhurnal Vychislitelnoi Matematiki i
Matematicheskoi Fiziki (USSR) v7 n1 p223-6 1967.
For another listing of this journal see "Translated or
Abstracted Publication," in TT Vol. 17, No. 10.

F. Telemetry

TT-67-31201 Field 9F, 4B

Petrov, V. P.; Radchenko, A. N.
NOISE-REJECTION CODING OF DIGITAL TELETYPE
COMMUNICATIONS IN COMPLEX AUTOMATIC HYDROMETEOROLOGICAL
TELEMETERING SYSTEMS.
7 Apr 67, 31p, 4refs. JPRS-40557.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31201

Trans. of Gosudarstvennyi Gidrologicheskii Institut.
Trudy (USSR) n130 p98-121 1966.
Application of Automation, Radioelectronics and
Nuclear Radiation in Hydrological Research.

10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

NCH-207 484 Field 10A, 20K

Bugakov, I. I.; Smirnova, V. P.; Shikhobalov, S. P.
SIMULATION OF THE CREEP OF A TURBINE BLADE
T-SHAPED TAIL BY MEANS OF A MODEL (Modelirovanie
Polzuchesti T-Obraznogo Khovosta Turbinnykh Lopatok).
Jun 66, 17p, 10refs. RTS-3201.
Order from NLL: 40s as RTS-3201

Trans. of mono. Modelirovanie Polzuchesti T-Obraznogo
Khvosta, n.p., 1964 p192-207.

NCH-207 663 Field 10A, 7A

Sale, B.
PERSPECTIVES ON THE CONVERSION OF CHEMICAL
ENERGY INTO ELECTRICITY. 1967, 29p. TC-2731.
Order from TC: $22.00 as TC-2731

Trans. of Industrie Chimique Belge, v30 n9 p933-47 1965.

TT-67-31174 Field 10A

Shcheglyaev, A. V.; Okerblom, Yu. I.
USSR INDUSTRIAL DEVELOPMENT: ELECTRIC
POWER, POWER MACHINERY, AND ELECTRICAL
EQUIPMENT NO. 47. 5 Apr 67, 23p. JPRS-40530.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31174

Trans. of Teploenergetika (USSR) n3 p2-5 1967 and
Energetik (USSR) n2 3p 1967.
For another listing of Teploenergetika (USSR) see
TT v16 n4.

TT-67-31207 Field 10A

Vartanyan, S.; Sazanov, B. V.; Ermilov, A. A.
USSR INDUSTRIAL DEVELOPMENT: ELECTRIC
POWER, POWER MACHINERY, AND ELECTRICAL
EQUIPMENT NO. 48. 7 Apr 67, 15p. JPRS-40563.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31207

Trans. of Promyshlennost Armenii (USSR) p62-4
Dec 1966 and Promyshlennaya Energetika (USSR)
v22 n2 p2-4, 50-1 1967

B. Power sources

NCH-205 475 Field 10B

Bokhyan, S. K.
SELF-EXCITING INDUCTION GENERATOR OF INCREASED
FREQUENCY WITH VOLTAGE STABILISATION.
Oct 66, 11p, 6refs. RTS-3468.
Order from NLL: 7s 6d as RTS-3468

Trans. of Elektrotekhnika (USSR) n2 p56-8 1965.
For another listing of this journal see "Translated or
Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 907 Field 10B

Papkow, A.
A SMALL ELECTROSTATIC GENERATOR WITH LARGE
CHARGE AGENT. 1967, 5p. TC-3120.
Order from TC: $4.50 as TC-3120

Trans. of Zeitschrift fuer Angewandte Physik (West
Germany) v15 n2 p170-1 1963.

TT-67-31167 Field 10B

HELIOTECHNOLOGY, NO. 5, 1966: SELECTED
ARTICLES. 4 Apr 67, 60p, refs. JPRS-40523.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31167

Trans. of Geliotekhnika (USSR) n5 p3-18, 26-47, 55-8,
71-6 1966.
For another listing of this journal see "Translated or
Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31219 Field 10B, 11F

Dimitrov, N.; Kubiak, M.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS
NO. 350. 10 Apr 67, 27p. JPRS-40575.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31219

Trans. of Planovo Stopanstvo i Statistika (Bulgaria)
n2 p14-23 1967 and Rudy i Metale Niezelazne (Poland)
n2 p79-82 1967.

TT-67-61505 Field 10B

Tonini, M.
LOSSES OF LOAD IN CONDUITS, FORCED TUNNELS
AND CHANNELS OF THE HYDROELECTRIC PLANTS
OF THE ADRIATIC GROUP. PT. 2 (Perdite di Carico
nelle Condotte Forzate Gallerie e Canali degli
Impianti Idroelettrici del Gruppo Adriatica. Parte Seconda).
Jun 63, 48p (foreign text included). BR-D-Trans-451
Part 2.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61505

Trans. of l'Energia Elettrica (Italy) v39 n11 p899-916
1962.

TT-67-61506 Field 10B

Tonini, M.
EXAMINATION OF THE CONDUITS, TUNNELS AND

CHANNELS OF THE HYDROELECTRIC PLANTS OF THE ADRIATIC GROUP. PT. 1 (Rilievi su Condotte, Gallerie e Canali degli Impianti Idroelettrici del Gruppo Adriatica. Parte Prima). Jun 63, 49p (foreign text included). BR-D-Trans-451 Part 1.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61506

Trans. of l'Energia Elettrica (Italy) v39 n9 p726-44 1962.

11 MATERIALS

NCH-208 039 Field 11-

Budnikov, P. P.; Zhukov, A. V.; Sartakov, Yu. A.
PERLITE-PHOSPHATE MATERIALS AND STRUCTURES. 10 Apr 67, 6p. ATS-14U99R.
Order from ATS: $8.50 as ATS-14U99R

Trans. of Stroitelnye Materialy (USSR) v12 n7 p34-6 1966.

TT-67-31175 Field 11-, 13H

EAST EUROPEAN SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 11. 5 Apr 67, 45p. JPRS-40531.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31175

B. Ceramics, refractories and glasses

NCH-207 468 Field 11B, 13H

Rustambekyan, S. F.
PRODUCTION OF FUSED CAST MULLITE (O Proizvodstve Plavlenogo Litogo Mullita). Jun 66, 11p, 6refs. RTS-3022.
Order from NLL: 12s 6d as RTS-3022

Trans. of Ogneupory (USSR) v29 n2 p67-71 1964.
For another listing this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 629 Field 11B

Czerwinski, Z.
SELECTED PROBLEMS FROM THE TECHNOLOGY OF FOAM GLASS. 1967, 10p. TC-2636.
Order from TC: $7.50 as TC-2636

Trans. of Szklo i Ceramika (Poland) v16 n2 p42-4 1965.

NCH-207 642 Field 11B, 13H

Scholze, H.; Gliemeroth, G.
VAPOR PRESSURE MEASUREMENTS ON NA$_2$ NH$_2$O GLASSES. 1967, 14p. TC-2690.
Order from TC: $8.00 as TC-2690

Trans. of Glastechnische Berichte (West Germany) v39 p11-4 1966.

NCH-207 643 Field 11B

ABOUT THE FORMATION OF INHOMOGENEITIES DURING THE FUSION PROCESS. 1967, 20p. TC-2691.
Order from TC: $16.00 as TC-2691

Trans. of Glastechnische Berichte (West Germany) v38 n8 p322-9 1965.

NCH-207 659 Field 11B, 7D, 20F

Dorr, F.
CONCERNING APPLICATION OF ELECTRON MICROANALYSIS IN THE GLASS LABORATORY. 1967, 14p. TC-2686.
Order from TC: $12.00 as TC-2686

Trans. of Glastechnische Berichte (West Germany) v39 n3 p141-6 1966.

NCH-207 965 Field 11B, 13H, 13A

Lehmann, H.
INVESTIGATIONS ON CHANGES IN THE PROPERTIES OF THE PERMANENT TAR-DOLOMITE LINING OF A BASIC CONVERTER WITH INCREASING TIME IN SERVICE. Jan 67. BISI-5097.
Order from BISI: $15.40 as BISI-5097

Trans. of Stahl und Eisen (West Germany) v86 p1071-7 1966.

TT-67-61397 Field 11B, 13H

SILICATES, VOL. 3, NO. 3, 1959: SELECTED ARTICLES. 12 Oct 60, 46p, 18refs. MCL-210; AD-649 477.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-649 477

Trans. of Silikaty (Czechoslovakia) v3 n3 p139-53, 192-201 1959.

C. Coatings, colorants and finishes

NCH-205 040 Field 11C, 11G

Ewers, N.
APPLICATION OF BITUMEN WITH INCREASED PARAFFIN WAX CONTENT. 1967, 11p. TC-1937.
Order from TC: $10.50 as TC-1937

Trans. of Die Strasse (West Germany) v5 n4 p169-73 1965.

NCH-207 717 Field 11C, 7A

Sorokin, M. F.; Shode, L. G.; Dudakova, R. A.
SYNTHESIS OF VARNISHES BY EMULSION COPOLYMERISATION OF GLYCIDYLMETHACRYLATE WITH METHYLMETHACRYLATE AND BUTYLMETHACRYLATE (Sintez Lakovykh Sopolimerov Glitsidilmetakrilata s Metilmetakrilatom i Butilmetakrilatom v Emulsii). Oct 66, 16p, 5refs. RTS-3464.
Order from NLL: 15s as RTS-3464

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n1 p12-8 1964.

E. Fibers and textiles

NCH-207 567 Field 11E

Bonnet, P.
THE BEHAVIOR OF TEXTILES IN THE LIMIT OF

ACOUSTICS. II. STUDY OF THE ACOUSTIC PROPERTIES OF TEXTILES IN THE DOMAIN OF PHONIC ABSORPTION. 22 Nov 66, 66p. TC-2816.
Order from TC: $28.00 as TC-2816

Trans. of Institut Textile de France. Bulletin, v19 n119 p535-78; n120 p725-39 n. d.

NCH-207 580 Field 11E, 7A

Freytag, R.
DESIZING WITH SODIUM BROMITE $NaBrO_2$.
5 Dec 66, 13p. TC-2947.
Order from TC: $9.50 as TC-2947

Trans. of Textilveredlung (Switzerland) v1 n6 p291-5 1966.

NCH-207 581 Field 11E

Vollrath, L.
TESTING OF FIXING DEGREE IN POLYAMIDE FIBERS (PA6). 22 Nov 66, 45p. TC-2953.
Order from TC: $28.00 as TC-2953

Trans. of Deutsche Textiltechnik (East Germany) v15 n10 p548-51, 614-8, 672-7 1965.

NCH-207 583 Field 11E

Frieser, E. P.
THE CHEMICAL MODIFICATION OF CELLULOSE FIBERS. 22 Nov 66, 21p. TC-2960.
Order from TC: $16.00 as TC-2960

Trans. of Textil-Praxis (West Germany) v20 p928-34 1965.

NCH-207 704 Field 11E, 13H

NEW PROCESS FOR PRODUCTION OF TEXTILE COMPACT MATERIALS. 28 Nov 66, 2p. TC-2867.
Order from TC: $2.00 as TC-2867

Trans. of Deutsche Textiltechnik (East Germany) v15 n12 p691 1965.

NCH-207 707 Field 11E

Jambrich, M.; Discik, I.
THE STUDY OF STRUCTURAL CHANGES IN POLYCARPOAMIDE FIBERS DURING DEFORMATION IN THE DIRECTION OF THE FIBER LENGTH. 28 Nov 66, 9p. TC-2881.
Order from TC: $8.50 as TC-2881

Trans. of Faserforschung und Textiltechnik (East Germany) v13 n4 p174-8 1962.

NCH-207 815 Field 11E

Fester, W.; Liu, S. T.
CHEMICAL AND PHYSICO-CHEMICAL CHANGES OF CELLULOSE TRIACETATE FIBERS BY A DRY HEAT TREATMENT. 5 Dec 66, 26p. TC-2876.
Order from TC: $17.00 as TC-2876

Trans. from Textil-Praxis (West Germany) p440-8 1966.

NCH-207 836 Field 11E

Mukhamedzhanov, G. K.
METHOD OF DETERMINING THE YARN CONTENT IN NONWOVEN STITCHED FABRIC. 5 Dec 66, 6p. TC-2949.
Order from TC: $4.50 as TC-2949

Trans. of Tekstilnaya Promyshlennost (USSR) v25 n5 p54-6 1965.

NCH-207 840 Field 11E

Frieser, E. P.
THE CHEMICAL MODIFICATION OF CELLULOSE FIBERS. 5 Dec 66, 21p. TC-2961.
Order from TC: $16.50 as TC-2961

Trans. of Textil-Praxis (West Germany) v20 p1011-7 1965.

NCH-207 847 Field 11E, 13I

Weber, D.
THE OPERATIONAL RANGE OF DRAW-TWIST MACHINES. 5 Dec 66, 11p. TC-2981.
Order from TC: $8.00 as TC-2981

Trans. of Deutsche Textiltechnik (East Germany) v15 n12 p648-51 1965.

NCH-207 854 Field 11E

Scherzberg, H.
TEXTURED YARNS. I. INTRODUCTION TO THE CRIMPING OF SYNTHETIC CONTINUOUS FILAMENTS. 5 Dec 66, 32p. TC-3002.
Order from TC: $22.00 as TC-3002

Trans. of Melliand Textilberichte (West Germany) v47 n2 p131-8 1966.

NCH-207 855 Field 11E

Scherzberg, H.
TEXTURED YARNS II. B. TORSION CRIMPING.
5 Dec 66, 32p. TC-3003.
Order from TC: $23.00 as TC-3003

Trans. of Melliand Textilberichte (West Germany) v47 n3 p235-43 1966.

NCH-207 859 Field 11E

Jacquemart, J.; Monrocq, R.
RAPID MICROTOME TECHNIQUE FOR THE TEXTILE LABORATORY. 5 Dec 66, 14p. TC-3016.
Order from TC: $12.50 as TC-3016

Trans. of Institut Textile de France. Bulletin, v19 p763-76 1965.

NCH-207 898 Field 11E

Hikoichi Konishi.
FUNDAMENTAL STUDIES ON THE SPINNING OF CELLULOSE ACETATE. III. THE VISCOSITY OF THE CONCENTRATED SOLUTION OF CELLULOSE

ACETATE (PT. 1). 1967, 10p. TC-3100.
Order from TC: $7.50 as TC-3100

Trans. of Sen i Gakkaishi (Japan) v18 p38-42 1962.

NCH-207 899 Field 11E

Hihoichi Kionishi.
FUNDAMENTAL STUDIES ON THE SPINNING OF CELLULOSE ACETATE. IV. VISCOSITY OF CONCENTRATED CELLULOSE ACETATE SOLUTION (PT. 2). 1967, 9p. TC-3101.
Order from TC: $9.00 as TC-3101

Trans. of Sen i Gakkaishi (Japan) v18 p42-5 1962.

NCH-207 970 Field 11E, 13I, 11F, 20K

Beck, G.
STUDY OF THE SERVICE STRESSES ON A STRIPPER CRANE ROPE. Jan 67. BISI-5258.
Order from BISI: $11.20 as BISI-5258

Trans. of Stahl und Eisen (West Germany) v86 p1393-7 1966.

F. Metallurgy and metallography

NCH-205 096 Field 11F, 13H

Zoller, H.; Ried, A.
METALLOGRAPHIC PRINCIPLES OF THE EASILY PRESSABLE AlMgSi ALLOYS. 1967, 10p. TC-2138.
Order from TC: $9.50 as TC-2138

Trans. of Aluminium (West Germany) v41 n10 p626-9 1965.

NCH-205 872 Field 11F, 13H

Martensson, S.
NORRBOTTENS JAERNVERK AB HAVE INSTALLED A COLD-SCARFING MACHINE. 18 Aug 66. BISI-4718.
Order from BISI: $8.40 as BISI-4718

Trans. of AGA-Svetsing (Sweden) n1 p8-9 1964.

NCH-205 891 Field 11F, 13H

Martensson, S.
SANDVIKENS JERNVERK AB FIRST IN SWEDEN WITH MECHANICAL FLAME SCARFING. 18 Aug 66. BISI-4719.
Order from BISI: $7.00 as BISI-4719

Trans. of AGA-Svetsing (Sweden) n3-4 p10-1 1963.

NCH-206 748 Field 11F, 20B

Schmidt, W.
THE CREEP BEHAVIOUR OF TWO CHROMIUM NICKEL STEELS CONTAINING 15% CHROMIUM, 35% NICKEL AND DIFFERING IN CARBON CONTENT. 1966. BISI-5058.
Order from BISI: $15.40 as BISI-5058

Trans. of DEW Technische Berichte (West Germany) v6 n2 p41-53 1966.

NCH-207 497 Field 11F

Ageev, P. Ya.
KINETICS OF THE DEOXIDATION PROCESSES AS APPLIED TO METALS (Kinetika Protsessov Raskisleniya Metalla). Sep 66, 22p, 5refs. RTS-3429.
Order from NLL: 22s 6d as RTS-3429

Trans. of mono. Kinetika Fiz.-Khim. Osnov. Proizv. Stali (no. 5), Moscow, 1959 p244-31.

NCH-207 563 Field 11F

Marabini, A. M.
INFLUENCE OF THE "SURFACTIVE SOLUTION" SYSTEM ON THE FLOTATION OF OXIDIZED MINERALS WITH SULFONATES. I. THEORETICAL CONSIDERATIONS. 22 Nov 66, 9p. TC-2780A.
Order from TC: $8.00 as TC-2780A

Trans. of Ricerca Scientifica. Parte II: Rendiconti. Sezione B (Italy) v8 n6 p1696-9 1965.

NCH-207 564 Field 11F

Marabini, A. M.
INFLUENCE OF THE "SURFACTIVE SOLUTION" SYSTEM ON THE FLOTATION OF OXIDIZED MINERALS WITH SULFONATES. II. INFLUENCE OF THE STRUCTURE OF THE HYDROCARBON CHAIN ON THE FLOTATION OF HEMATITE IN RELATION TO THE CONCENTRATION. 22 Nov 66, 15p. TC-2780B.
Order from TC: $12.00 as TC-2780B

Trans. of Ricerca Scientifica. Part II: Rendiconti. Sezione B (Italy) v8 n6 p1702-8 1965.

NCH-207 565 Field 11F

Marabini, A. M.
INFLUENCE OF THE "SURFACTIVE SOLUTION" SYSTEM ON THE FLOTATION OF OXIDIZED MINERALS WITH SULFONATES. III. INFLUENCE OF THE STRUCTURE OF THE HYDROCARBON CHAIN ON THE FLOTATION OF HEMATITE IN RELATION TO THE pH. 22 Nov 66, 13p. TC-2780C.
Order from TC: $9.50 as TC-2780C

Trans. of Ricerca Scientifica. Part II: Rendiconti. Sezione B (Italy) v8 n6 p1710-5 1965.

NCH-207 573 Field 11F, 7D

Saakyan, P. S.
INVESTIGATION OF THE DEPENDENCE OF THE CURRENT EFFICIENCY DURING THE ELECTROLYSIS OF ALUMINUM ON THE COMPOSITION OF THE GASES. 22 Nov 66, 15p. TC-2902.
Order from TC: $11.00 as TC-2902

Trans. of Tsvetnye Metally (USSR) v39 n3 p41-8 1966.

NCH-207 584 Field 11F, 20K

Vater, M.
DEFORMATION STRENGTH OF VARIOUS COPPER ALLOYS AT ROOM TEMPERATURE. 22 Nov 66, 14p. TC-2964.
Order from TC: $12.50 as TC-2964.

Trans. of das Metall (West Germany) v19 n11 p1168-72 1965.

NCH-207 585 Field 11F, 13H

Hannesen, R.
THE INFLUENCE OF THE PRODUCTION PROCESS ON EARING WITH BRASS. 22 Nov 66, 16p. TC-2965.
Order from TC: $13.50 as TC-2965

Trans. of Zeitschrift fuer Metallkunde (West Germany) v57 n6 p413-8 1966.

NCH-207 588 Field 11F

Strom, B.
CURRENT CORROSION PROBLEMS WITH COPPER AND COPPER ALLOYS. 22 Nov 66, 6p. TC-3054.
Order from TC: $5.50 as TC-3054

Trans. of IVA (Sweden) v22 n6 p222-6 1951.

NCH-207 641 Field 11F

Grabin, V. F.; Malevskii, Yu. B.
STRUCTURE AND PROPERTIES OF COPPER BASE ALLOYS, ALLOYED WITH COBALT AND SILICON. 1967, 11p. TC-2667.
Order from TC: $8.50 as TC-2667

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n3 p28-32 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 645 Field 11F

Dadian, M.; Talbot-Besnard, S.
INFLUENCE OF THE PURITY OF THE IRON ON THE DIFFUSION OF CATHODIC HYDROGEN. 1967, 13p. TC-2699.
Order from TC: $11.00 as TC-2699

Trans. of Revue de Metallurgie. Memoires Scientifiques (France) v63 n4 p375-80 1966.

NCH-207 649 Field 11F

Schaarwaechter, C.
ELECTROLYTIC REFINING OF COPPER PLATED AND BRASS PLATED SCRAP IRON IN A CYANIDE BATH. 1967, 9p. TC-2703.
Order from TC: $7.00 as TC-2703

Trans. of Metall und Erz (Germany) v36 n9 4p 1939.

NCH-207 650 Field 11F

Wallbaum, H.
RECRYSTALLIZATION TEXTURES OF COMMERCIALLY PURE COPPER. 1967, 28p. TC-2668.
Order from TC: $19.00 as TC-2668

Trans. of Zeitschrift fuer Metallkunde (West Germany) v57 n4 p249-59 1966.

NCH-207 658 Field 11F, 13H

Panu, I. H.
THE PREPARATION OF ORES AND AUXILIARY MATERIALS. SOME EQUATIONS CONCERNING THE KINETICS OF FLOTATION. 1967, 14p. TC-2681.
Order from TC: $12.00 as TC-2681

Trans. of Academia Republicii Populare Romine. Centrul de Cercetari Metallurgice. Studii si Cercetari de Metalurgie (Rumania) v9 n1 p17-28 1964.

NCH-207 716 Field 11F

Gustkowicz, S.
POSSIBILITY OF ENRICHMENT OF POLISH KIESERITE CARNALLITE (FROM KLODAWA). III: FLOTATION. 28 Nov 66, 27p. TC-2924.
Order from TC: $18.00 as TC-2924

Trans. of Przemysl Chemiczny (Poland) v45 n2 p76-84 1966.

NCH-207 719 Field 11F

Unckel, H.
NEW DEVELOPMENTS IN DISPERSION HARDENING. 28 Nov 66, 18p. TC-2963.
Order from TC: $15.00 as TC-2963

Trans. of das Metall (West Germany) v19 p936-40 1965.

NCH-207 729 Field 11F

Lopatina, K. A.
WHITE CAST IRON INOCULATED WITH BORON AND SILICON. 28 Nov 66, 4p. TC-3011.
Order from TC: $4.00 as TC-3011

Trans. of Liteinoe Proizvodstvo (USSR) n1 p7 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 811 Field 11F, 7A

Zitter, H.
HARDENABLE, CORROSIONPROOF STEELS FOR THE CHEMICAL INDUSTRY. 5 Dec 66, 17p. TC-2836.
Order from TC: $13.00 as TC-2836

Trans. of Werkstoffe und Korrosion (West Germany) v15 n1 p901-8 1964.

NCH-207 837 Field 11F, 13H, 20K

Laub, H.
THE STRESS CORROSION BEHAVIOR OF SILICON BRASS WITH AND WITHOUT SURFACE PROTECTION BY ELECTROPLATED METAL COATINGS. 5 Dec 66, 14p. TC-2950.
Order from TC: $11.50 as TC-2950

Trans. of das Metall (West Germany) v20 n6 p597-600 1966.

NCH-207 841 Field 11F, 20K

Galan, P.
CONTRIBUTION TO THE ELUCIDATION OF THE RELATIONSHIP BETWEEN THE ABRASIVE WEAR AND HARDNESS OF METAL. 5 Dec 66, 14p. TC-2962.
Order from TC: $12.00 as TC-2962

Trans. of Kovove Materialy (Czechoslovakia) v3 n4 p408-17 1965.

NCH-207 842 Field 11F

Grewen, J.
TEXTURES AS CAUSES OF EARING. 5 Dec 66, 33p. TC-2966.
Order from TC: $23.00 as TC-2966

Trans. of Zeitschrift fuer Metallkunde (West Germany) v57 n6 p418-28 1966.

NCH-207 873 Field 11F

Munz, D.; Macherauch, E.
DYNAMIC STRAIN AGING OF alpha-BRASS. 5 Dec 66, 20p. TC-3057.
Order from TC: $13.00 as TC-3057

Trans. of Zeitschrift fuer Metallkunde (West Germany) v57 n7 p552-9 1966.

NCH-207 884 Field 11F

Masataka Sugiyama.
PROPERTIES OF HIGH STRENGTH AND HIGH CONDUCTIVITY Cu-Zr ALLOYS HAVING HIGH Zr CONTENTS. 5 Dec 67, 19p. TC-3078.
Order from TC: $17.00 as TC-3078

Trans. of Nihon Kinzoku Gakkaishi (Japan) v30 n1 p32-7 1966.

NCH-207 919 Field 11F

Henon, J. P.
STUDY OF PRECIPITATION IN Fe-Ti, Fe-Ti-Si, AND Fe-Ti-Ni ALLOYS. 5 Jan 67. BISI-5094.
Order from BISI: $19.60 as BISI-5094

Trans. of Revue de Metallurgie. Memoires Scientifiques (France) v63 p99-108 1966.

NCH-207 922 Field 11F

Hoffmann, A.; Fischer, W. A.
EFFECT OF SULPHUR CONTENTS UP TO 0.25% ON THE MECHANICAL PROPERTIES AND BRITTLE BEHAVIOUR OF PURE IRON CONTAINING 0.001 - 0.08% OXYGEN. 5 Jan 67. BISI-5111.
Order from BISI: $23.80 as BISI-5111

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v35 p1069-78 1964.

NCH-207 923 Field 11F

Luedemann, K. F.
THE DETERMINATION OF OXIDE INCLUSIONS IN STEELS. 5 Jan 67. BISI-5196.
Order from BISI: $9.80 as BISI-5196

Trans. of Neue Huette (East Germany) v11 p348-54 1966.

NCH-207 926 Field 11F

Belka, G.
EFFECT OF CREEP TESTS ON HEAT-RESISTANT AUSTENITIC STEELS. 5 Jan 67. BISI-5224.
Order from BISI: $14.00 as BISI-5224

Trans. of Neue Huette (East Germany) v11 p495-502 1966.

NCH-207 927 Field 11F

NEW METHOD FOR DETERMINATION OF CORROSION-RESISTANCE OF STEEL. 5 Jan 67. BISI-5226.
Order from BISI: $7.00 as BISI-5226

Trans. of Galvanotechnik (West Germany) v57 n9 p615-9 1966.

NCH-207 931 Field 11F, 13H

Schultz, H.
A CONTRIBUTION TO THE INTRODUCTION OF LOW-NICKEL NITROGEN-CONTAINING CHROMIUM-NICKEL STEELS. Jan 67. BISI-5059.
Order from BISI: $12.60 as BISI-5059

Trans. of mono. Stickstoff in Metallen, Berlin, 1965 p291-308.

NCH-207 933 Field 11F, 7D

Koch, W.; Sauer, K. H.
DETERMINATION OF NITROGEN IN STEEL. Jan 67. BISI-5082.
Order from BISI: $8.40 as BISI-5082

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v190 n1 p81-91 1962.

NCH-207 934 Field 11F, 5C

Stroben, H.
THE INTRODUCTION OF INCENTIVE WAGE RATES FOR THE DRESSING DREW IN A FINISHING SHOP. Jan 67. BISI-5203.
Order from BISI: $8.40 as BISI-5203

Trans. of Stahl und Eisen (West Germany) v86 p1128-31 1966.

NCH-207 944 Field 11F

Takei, T.
STUDY OF LARGE INCLUSIONS IN RIMMING STEEL. Jan 67. BISI-5122.
Order from BISI: $9.80 as BISI-5122

Trans. of Tetsu to Hagane (Japan) v52 p568-71 1966.

NCH-207 945 Field 11F, 5C, 8F

Kirchberg, H.
PRESENT STATE OF WORLD TIN PRODUCTION. I. PRODUCTION, CONSUMPTION AND MARKET CONDITIONS OF IMPORTANT NON-FERROUS METALS WITH SPECIAL REFERENCE TO TIN. Jan 67. BISI-5134.
Order from BISI: $8.40 as BISI-5134

Trans. of Neue Huette (East Germany) v11 p257-63 May 1966.

NCH-207 948 Field 11F, 11C

Brauns, E.; Schwenk, W.
THE PERFORMANCE OF VARIOUS COATINGS ON TUBULAR DOLPHINS IN SEA WATER. Jan 67. BISI-5222.
Order from BISI: $5.60 as BISI-5222

Trans. of Stahl und Eisen (West Germany) v86 p1014-6 1966.

NCH-207 950 Field 11F

Engell, H. J.
THE MECHANISM OF CORROSION AND CORROSION PROTECTION OF METAL-COATING STEEL. Jan 67, BISI-5245.
Order from BISI: $11.20 as BISI-5245

Trans. of Protection of Steel Structures by Metallic Coatings, European Symposium, Vienna. Paper, 1964 p3-10.

NCH-207 952 Field 11F, 7D

Fresenius, W.; Schneider, W.
DETERMINATION OF IRON (II) AND TOTAL IRON IN MINERAL WATER WITH 2,2' DIPYRIDYL. REDUCTION OF IRON (III) WITH ASCORBIC ACID. Jan 67. BISI-4857.
Order from BISI: $5.60 as BISI-4857

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v209 n2 p340-1 1965.

NCH-207 958 Field 11F

Herbsleb, G.; Schwenk, W.
STUDY OF THE INFLUENCE OF HYDROGEN SULPHIDE AND SULPHUR DIOXIDE ON THE CORROSION BEHAVIOUR OF AUSTENITIC NICKEL-CHROMIUM STEELS EXPOSED TO SULPHURIC-ACID-CONTAINING SODIUM SULPHATE SOLUTIONS. Jan 67. BISI-5239.
Order from BISI: $8.40 as BISI-5239

Trans. of Werkstoffe und Korrosion (West Germany) v17 p745-50 Sep 1966.

NCH-207 960 Field 11F

Franck, U. F.; Better, D.
A RAPID METHOD FOR DETERMINATION OF SUSCEPTIBILITY TO CORROSION OF STEEL. Jan 67. BISI-5280.
Order from BISI: $7.00 as BISI-5280

Trans. of Zeitschrift fuer Physikalische Chemie, Leipzig (East Germany) v232 n3/4 p152-60 1966.

NCH-207 961 Field 11F, 20K

Mazanec, K.; Hyspecka, L.
INFLUENCE OF THERMOMECHANICAL TREATMENT ON THE FORMATION OF SUBSEQUENT FRACTURE IN QUENCHED STEEL. Jan 67. BISI-4884.
Order from BISI: $11.20 as BISI-4884

Trans. of Revue de Metallurgie (France) v63 p217-23 1966.

NCH-207 962 Field 11F, 13H

Rose, A.
HEAT-TREATABILITY OF STEELS. Jan 67. BISI-5006.
Order from BISI: $23.80 as BISI-5006

Trans. of Stahl und Eisen (West Germany) v85 p1229-40, 1267-80 1965 and Centre de Documentation Siderurgique. Circulaire d'Informations Techniques (France) n3 p621-48 1966.

NCH-207 967 Field 11F, 13H

Shibuya, K.
ANALYSIS OF NON-METALLIC INCLUSIONS BY ELECTRON PROBE ANALYSER. Jan 67. BISI-5123.
Order from BISI: $9.80 as BISI-5123

Trans. of Tetsu to Hagane (Japan) v52 p571-4 1966.

NCH-207 969 Field 11F, 20K

Kalivoda, A.; Mazanec, K.
FRACTURE CHARACTERISTICS OF HARDENED AND TEMPERED STEELS. Jan 67. BISI-5207.
Order from BISI: $16.80 as BISI-5207

Trans. of Kovove Materialy (Czechoslovakia) v4 n3 p246-56 1966.

NCH-207 974 Field 11F

More, A.
ISOLATION AND POSSIBILITY OF ISOLATING OXIDE INCLUSIONS IN ASTENITIC CHROMIUM NICKEL STEEL. 9 Feb 67. BISI-5089.
Order from BISI: $19.60 as BISI-5089

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 p473-81 1966.

NCH-207 986 Field 11F, 20K, 13H

Royez, A.
STRESS CORROSION, DELAYED FAILURES, CORROSION FATIGUE AND RELATIONS BETWEEN THESE PHENOMENA (WITH DISCUSSION). 16 Feb 67. BISI-5099.
Order from BISI: $22.40 as BISI-5099

Trans. of Centre d'Etudes Nucleaires de Saclay (no. 8) Jun 64. Paper, n.p., n.d. p95-100 1964.

NCH-207 989 Field 11F, 13H

Bruhlet, M.
METAL SPRAYING IN THE STEEL INDUSTRY. 16 Feb 67. BISI-5243.
Order from BISI: $19.60 as BISI-5243

Trans. of Corrosion et Anticorrosion (France) v14 p78-88 1966.

NCH-207 992 Field 11F, 11C, 13H

Benninghoff, H.
EFFECTIVE CORROSION PROTECTION FOR STEEL SHEETS BY SENDZIRMIR GALVANIZING PLUS PAINT COAT, PT. 2. 16 Feb 67. BISI-5259.
Order from BISI: $8.40 as BISI-5259

Trans. of Industrie-Lackier-Betrieb (West Germany) v34 p361-5 1966.

NCH-207 993 Field 11F, 7D

Defranoux, J. M.
ELECTROCHEMICAL METHODS OF STUDYING THE BEHAVIOUR OF STAINLESS STEELS IN A CHLORINATED

MEDIUM. 16 Feb 67. BISI-5285.
Order from BISI: $14.00 as BISI-5285

Trans. of Corrosion Science (U. S.) v3 p75-86 Jun 1963.

NCH-208 037 Field 11F

Gefter, S. E.; Kopeikina, I. A.; Lavrukhin, L. A.; Muraveva, G. Ya.; Rudakov, V. N.
A STUDY OF THE ELECTRIC FIELD IN THE CATHODE METAL OF ALUMINUM ELECTROLYTIC CELLS. 10 Apr 67, 6p. ATS-31U99R.
Order from ATS: $10.85 as ATS-31U99R

Trans. of Tsvetnye Metally (USSR) v39 n11 p54-9 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31163 Field 11F, 13H

Karpachev, D.; Sinaykin, V.; Tselikov, A.; Starodubov, K.; Anuchkin, M.
USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 44. 4 Apr 67, 16p. JPRS-40519.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31163

Trans. from Ekonomicheskaya Gazeta (USSR) n6 p22; n10 p12-3; n9 p13 1967.

TT-67-61398 Field 11F, 20K, 13H

Popereka, M. Ya.
INTERNAL STRAIN IN ELECTROLYTICALLY DEPOSITED ALLOYS. Tr. by Leonard Shapiro. 1966, 19p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61398

Trans. of mono. Vnutrennie Napryazheniya Elektroliticheski Osazhdaemykh Metallov, Moscow, 1966.
Contains: Table of Contents, Preface and Summaries of conclusion.

G. Miscellaneous materials

NCH-205 041 Field 11G

Ewers, N.
THE PROBLEM OF PARAFFIN WAX IN BITUMEN. 1967, 10p. TC-1938.
Order from TC: $7.50 as TC-1938

Trans. of die Strasse (West Germany) v5 n4 p173-7 1965.

H. Oils, lubricants, and hydraulic fluids

NCH-205 592 Field 11H

Adamenk, S. P.; Tsaregradskii, V. A.
THE AGEING CHARACTERISTICS OF CRANKCASE OIL UNDER OPERATING CONDITIONS IN ENGINES USING FUEL WITH A HIGH SULPHUROUS CONTENT (Izmenenie Svoistv Karternogo Masla pri Rabote Dvigatelya na Vysokosernistom Toplive). Oct 66, 13p, 5refs. RTS-3453.
Order from NLL: 10s as RTS-3453

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v10 n9 p46-9 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 720 Field 11H, 11F

Shchegoleve, G. G.
INFLUENCE OF ALKALI CONTENT IN LITHIUM LUBRICATING GREASES ON THEIR PROPERTIES AND MICROSTRUCTURE. 28 Nov 66, 9p. TC-2970.
Order from TC: $9.00 as TC-2970

Trans. of Kolloidnyi Zhurnal (USSR) v28 p308-12 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

I. Plastics

NCH-207 457 Field 11I, 13H, 13B

Sakharov, V. I.; Fraint, T. M.
EPOXY PLASTIC CONCRETES FOR THE PROTECTION OF SURFACE (Epoksidnye Plastbetony dlya Zashchity Pokrytii). Sep 66, 9p, 4refs. RTS-3386.
Order from NLL: 7s 6d as RTS-3386

Trans. of Avtomobilnye Dorogi (USSR) n9 p2-4 1965.

NCH-207 702 Field 11I

Knop, W.
THE MANUFACTURE OF PLASTICS REMAINS DANGEROUS. 28 Nov 66, 14p. TC-2862.
Order from TC: $12.00 as TC-2862

Trans. of Z. Arbeitsmed. Arbeitsshutz (sic) v15 n4 p77-81 1965.

J. Rubbers

NCH-207 566 Field 11J

Tarasova, Z. N.
E.P.R. STUDY OF THE RADIATION VULCANIZATION OF RUBBER IN THE PRESENCE OF SULFUR AND HEXACHLOROETHANE. 22 Nov 66, 11p. TC-2814.
Order from TC: $9.00 as TC-2814

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v4 n8 p1204-8 1962.

NCH-207 638 Field 11J, 7C

German, R.
ETHYLENE PROPYLENE TERPOLYMERS. 1967, 25p. TC-2661.
Order from TC: $22.00 as TC-2661

Trans. of Kautschuk und Gummi (West Germany) v19 n2 p67-76 1966.

NCH-207 654 Field 11J, 20-

Kemmnitz, G.; Espanion, G.
SOME RELATIONSHIPS BETWEEN STATIC AND DYNAMIC PROPERTIES OF TIRE CORD. 1967, 12p. TC-2674.
Order from TC: $12.00 as TC-2674

Trans. of Chemiefasern (West Germany) v16 n3 1966.

NCH-207 858 Field 11J

Kozlov, V. T.; Tarasova, Z. N.
REACTIVITY OF RUBBERS WITH DIFFERENT STRUCTURES. I. RADICAL FORMATION DURING RADIOLYSIS OF HARD RUBBER. 5 Dec 66, 8p. TC-3012.

Order from TC: $8.50 as TC-3012

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v8 n5 p943-8 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 897 Field 11J, 11E

Neuschaffer, K.
ON VULCANIZED FIBER. 1967, 7p. TC-3098.
Order from TC: $6.00 as TC-3098

Trans. of das Papier (West Germany) v18 n9 p442-4 1964.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

NCH-207 472 Field 12A

Shaidaeva, T. A.
QUADRATURE FORMULAE WITH LEAST REMAINDER FOR CERTAIN CLASSES OF FUNCTIONS (Kvadraturnye Formyly s Naimenshei Otsenkoi Ostatka dlya Nekotorikh Klassof Funktsii). Jun 66, 30p, 4refs. RTS-2991.
Order from NLL: 40s as RTS-2991

Trans. of Akademiya Nauk SSSR. Matematicheskii Institut. Trudy, v53 p313-41 1959.

TT-67-31138 Field 12A, 12B

Rozenblat, M. A.; Teterev, A. G.
ARTICLES ON VOTING FUNCTION AND LINEAR FRACTIONAL PROGRAMMING. 3 Apr 67, 15p, 5refs. JPRS-40493.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31138

Trans. of Akademiya Nauk SSSR. Doklady, v171 n4 p814-9 1966.

TT-67-61405 Field 12A

Quilghini, D.
A UNIQUENESS THEOREM FOR A ONE-DIMENSIONAL NON-LINEAR STEFAN-LIKE PROBLEM (Un Teorema di Unicita per un Problema Unidemensionale non Lineare del Tipo di Stefan). 1966, 15p, 9refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61405

Trans. of Matematiche (Italy) v20 n2 p142-55 1965.

TT-67-61407 Field 12A

Sheinin, O. B.
EARLY HISTORY OF THE ARITHMETIC MEAN AS A CONCEPT OF THE THEORY OF PROBABILITY (Pannyaya Istoriya Spednego Arifmeticheskogo kak Ponyatiya Teorii Veroyatnostei). 1966, 6p, 25refs. JPRS-R-7816-D.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61407

Trans. of Nauchnaya Konferentsiya Aspirantov i Mladshik Nauchnikh Sotrudnikov (no. 8). Paper, n.p., 1965 p42-6.

TT-67-61413 Field 12A

Fedoryuk, M. V.
ASYMPTOTICS OF A DISCRETE SPECTRUM OF THE OPERATOR $W''(X)\lambda^{-2}P(X)W(X)$ (Asimptotika Diskretnogo Spektra Operatora $w''(x)\lambda^{-2}p(x)w(x)$). 1966, 40p, 7refs. JPRS-R-7663-D.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61413

Trans. of Matematicheskii Sbornik (USSR) v68(110) n1 p81-110 1965.

B. Operations research

NCH-207 455 Field 12B

Yaroshenko, V. N.
A PROBLEM OF THE THEORY OF QUEUES (Pro Odnu Zadachu Teorii Masovoho Obsluhovuvannya) Sep 66, 5p. RTS-3687.
Order from NLL: 10s as RTS-3687

Trans. of Akademiya Nauk URSR, Kiev. Dopovidi, v2 p153-6 1962.

NCH-207 866 Field 12B, 9B

Kosecky, L.; Kosecka, V.
A MATHEMATICAL MODEL FOR QUICK EVALUATION OF REGRESSION CONSTANTS ON A DIGITAL COMPUTER. 5 Dec 66, 8p. TC-3045.
Order from TC: $6.50 as TC-3045.

Trans. of Chemicky Prumysl (Czechoslovakia) v16 p234-6 1966.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-206 939 Field 13A

Pioro, L. S.; Zaliznyak, D. V.; Maevskii, E. R.
HEAT EXCHANGER WITH MOVABLE PACKING (Teploobmennik s Podvizhnoi Nasadkoi). Jun 66, 16p, 6refs. RTS-3117.
Order from NLL: 25s as RTS-3117

Trans. of Akademiya Nauk URSR, Kiev. Instytut Ispolzovaniya Gaza. Trudy, v5 p77-87 1958.

NCH-207 410 Field 13A, 13g, 20D

Norkin, N. N.; Chashchin, I. P.
INVESTIGATION OF HEAT EXCHANGE AND HYDRAULIC RESISTANCES OF COMPARATIVELY SHORT RIBBED PIPES SUBJECTED TO A LONGITUDINAL FLOW BY A STREAM (Issledovanie Teplootdachi i Gidravlicheskikh Soprotivlenii pri Prodolnom Obtekanii Potokom Sravnitelno Korotkikh Rebristykh Trub). Jun 66, 12p, 5refs. RTS-2435.
Order from NLL: 10s as RTS-2435

Trans. of Toploenergetika (USSR) v10 n6 p67-70 1963.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 500 Field 13A

Koryagin, O. G.
SYSTEM OF CURRENT SUPPLY TO FLUORESCENT LAMPS WITH STEPPED-UP FREQUENCY VOLTAGE FOR TRAMS AND TROLLEY-BUSES (Sistema Pitaniya Lyuminestsentnykh Lamp Napryazheniem Povyshennoi Chastoty dlya Tramvaynykh Vagonov i Trolleybusov). Sep 66, 9p, 4refs. RTS-3400.
Order from NLL: 7s 6d as RTS-3400

Trans. of Svvetotekhnika (USSR) v10 p18-21 1964.

NCH-207 509 Field 13A

Andreev, L. P.; Kostenko, G. N.
EXERGETIC CHARACTERISTICS OF THE EFFECTIVENESS OF HEAT EXCHANGERS (Eksergeticheskie Kharakteristiki Effektivnosti Teploobmennykh Apparatov). Nov 66, 11p, 9refs. RTS-3509.
Order from NLL: 20s as RTS-3509

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Energetika (USSR) n3 p53-60 1965.

NCH-207 646 Field 13A, 7C

Hartmann, H.; Resch, G.
BEHAVIOR OF HYDRAZINE HYDRATE UNDER CONDITIONS OF HIGH-PRESSURE BOILER OPERATION. 1967, 16p. TC-2700.
Order from TC: $12.00 as TC-2700

Trans. of Vereinigung der Grosskesselbesitzer. Mitteilungen (West Germany) n52 p54-60 1958.

B. Civil engineering

TT-66-51159/11 Field 13B, 13H

STAUB REINHALTUNG DER LUFT IN ENGLISH, VOL. 26, NO. 11, 1966. Hygiene Effects and Control of Dusts, Fogs, Gases, Vapors, Radioactive Particles. Tr. by D. Ben-Yaakov. 1966, 61p, refs. SFCSI-HEW(TT-66-51159/11).
Order from CFSTI: $3.00 as TT-66-51159/11

Trans. of Technical articles and patent sections from Staub (West Germany) v26 n11 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

C. Construction equipment, materials and supplies

NCH-205 033 Field 13C, 11I

Ushiro Eitaro.
CEMENTS AND PLASTICS. 1967, 40p. TC-1885.
Order from TC: $27.00 as TC-1885

Trans. of Semento Konkurito (Japan) n221 p20-30 1965.

NCH-207 450 Field 13C, 13M, 13H

Krylov, N. A.; Sakhno, G. I.
ELECTRONIC METHODS OF CONTROLLING THE QUALITY OF SPATIAL STRUCTURES IN PREFABRICATED REINFORCED CONCRETE (Radiotekhnicheskie Metody Kontrolya Kachestva Vozvedeniya Prostranstvennykh Konstruktsii iz Sbornogo Zhelezobetona). Oct 66, 22p. RTS-3411.
Order from NLL: 30s as RTS-3411

Trans. of mono. Prostranstvennye Konstruktsii, n.p., 1964 p60-73.

NCH-207 465 Field 13C

Butt, Yu. M.; Kolbasov, V. M.; Savin, E. S.
THE INFLUENCE OF FINELY DISPERSED CALCIUM CARBONATE UPON THE HARDENING PROCESS AND THE COMPOSITION OF THE HYDRATION PRODUCTS OF SILICATE CONCRETE (Vliyanie Tonkodispersnovo Karbonata Kaltsiya na Protsess Tverdniya i Sostav Produktov Gidratsii Silikatnovo Betona). Sep 66, 10p, 7refs. RTS-3339.
Order from NLL: 7s 6d as RTS-3339

Trans. of Stroitelnye Materialy (USSR) v11 n3 p33-5 1965.

NCH-207 651 Field 13C, 11G

Peinado, M.
MECHANISM OF THE ACTION OF CEMENT ADDITIVES. 1967, 28p. TC-2669.
Order from TC: $19.00 as TC-2669

Trans. of Assoc. Rech. Tech. Forage and Prod. Colloquium (no. 2). Paper, n.p., n8 p149-65 1965.

NCH-207 713 Field 13C, 20M

Donskov, S. V.
HEAT TRANSFER OF AN ANNULAR CYLINDER IN A CROSS-CURRENT STREAM OF A FREE FLOWING MATERIAL (SAND) (Teplootdacha Kruglogo Tsilindra v Poperechnom Potoke Sypuchego Tela (Peska)). Sep 66, 18p, 7refs. RTS-3555.
Order from NLL: 17s 6d as RTS-3555

Trans. of Teploenergetika (USSR) n10 p65-71 1958.

NCH-207 985 Field 13C, 13I, 11F

Neugebauer, R.; Flessner, H.
A NEW TYPE OF STANDARISED SINGLE-WHEEL DRIVE FOR STEELWORKS CRANES. 16 Feb 67. BISI-5078.
Order from BISI: $12.60 as BISI-5078

Trans. of Stahl und Eisen (West Germany) v86 p478-85 1966.

TT-67-31162 Field 13C, 13M, 11B

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 68. 4 Apr 67, 41p. JPRS-40518.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31162

TT-67-31172 Field 13C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 20. 5 Apr 67, 62p. JPRS-40528.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31172

Abstract trans. of Chien Chu Ts'ai Liao Kung Yeh (Chinese People's Republic) n5 p2-35; n6 p2-35 1964: n6 p3-31 1963: n24 p2-31; n12 p2-31; n11 p2-31; n2 p3-39 1961.

TT-67-31206 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 69. 7 Apr 67, 45p. JPRS-40562.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31206

TT-67-31221 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 70. 10 Apr 67, 31p. JPRS-40577.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31221

TT-67-61508 Field 13C, 20K

Berrod, J.; Buvat, M.; Lajeat, J. P.; Orth, J.
CONTRIBUTION TO THE STUDY OF THE BEHAVIOR AND ELASTIC PROPERTIES OF HIGHLY STRESSED CONCRETES (Contribution a l'Etude du Comportement et des Caracteristiques Elastiques des Betons Fortement Sollicites). Jun 63, 17p (foreign text included). BR-D-Trans-453.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61508

Trans. of Construction (Belgium) v15 n10 p376-9 1960.

TT-67-61509 Field 13C, 20K

Orth, J. F.; Jacquin, P.; Buvat, M.; Berrod, J.
CONTRIBUTION TO THE STUDY OF THE BEHAVIOR AND ELASTIC PROPERTIES OF HIGHLY STRESSED CONCRETES. FIRST RESULTS (Contribution a l'Etude du Comportement et des Caracteristiques Elastiques des Betons Fortement Sollicites. Premiers Resultats). Jun 63, 44p (foreign text included) 12refs. BR-D-Trans-452.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61509

Trans. of Construction (Belgium) v17 n6 p161-73 1962.

E. Couplings, fittings, fasteners and joints

NCH-207 966 Field 13E, 13H, 11F

Daemen, R.; Doneux, G.
RESEARCH INTO THE CAUSES OF THE HETEROGENEITY OF MECHANICAL PROPERTIES IN VERY THICK WELDED JOINTS. Jan 67. BISI-5114.
Order from BISI: $19.60 as BISI-5114

Trans. of Revue de Metallurgie (France) v63 p521-7 1966.

F. Ground transportation equipment

NCH-207 617 Field 13F

Kemmnitz, G.; Espanion, G.
SEVERAL RELATIONSHIPS BETWEEN STATIC AND DYNAMIC PROPERTIES OF THE TIRE CORD. 28 Nov 66, 16p. TC-2605.
Order from TC: $14.00 as TC-2605

Trans. of Chemiefasern (West Germany) v16 n3 p182-7 1966.

TT-67-31160 Field 13F, 15E

USSR TRANSPORTATION: TRANSLATIONS NO. 177. 4 Apr 67, 26p. JPRS-40516.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31160

TT-67-31185 Field 13F, 13M

Nieciunski, W.; Zmijarevic, A.; Pajic, D.
EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 515. 6 Apr 67, 81p. JPRS-40541.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31185

Trans. of Gospodarka Planowa (Poland) n2 6p 1967 and Zeleznice (Yugoslavia) n1 p8-37 1967.

TT-67-31209 Field 13F, 11E, 5C, 13M

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 516. 7 Apr 67, 53p. JPRS-40565.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31209

G. Hydraulic and pneumatic equipment

NCH-207 483 Field 13G, 10B

Sarkisyan, S. S.
THE PRECIPITATION OF DEPOSITS IN A TURBULENT CURRENT (Osazhdenie Nanosov v Turbalentnom Potoke). Sep 66, 8p, refs. RTS-3178.
Order from NLL: 15s as RTS-3178

Trans. of mono. Ruslovye Protessy, n. p., 1958 p345-9.

H. Industrial processes

NCH-203 566 Field 13H, 18J

Borukhov, M. Yu.; Lebedev, A. T.; Akbarov, U.
PRINCIPLE OF AUTOMATION OF A TWO-STAGE CYCLE OF PULVERISATION AND CLASSIFICATION OF ORES. Dec 65. MT-Trans-560.
Order from MT: $10.00 as MT-Trans-560

Trans. of mono. Tashkentskoi Konferentsii po Mirnomy Ispolzovaniyu Atomnoi Energii (no. 2). Trudy, n.p., 1960 p25-9.

NCH-203 999 Field 13H

EVALUATION OF TESTS ON CASTING CAST IRON ROLLS WITH PRECAST PASS GROOVES. 1966. BCIRA-Trans-1177.
Available on loan from BCIRA as Trans-1177

Trans. of Hutnik (Czechoslovakia) v15 n3 p127-32 1965.

NCH-204 000 Field 13H

THE PARTLY MECHANIZED CEMENT-SAND MOULDING SHOP WITH CYCLIC FLOW PROCESS. 1966.

BCIRA-Trans-1178.
Available on loan from BCIRA as Trans-1178

Trans. of Giesserei (West Germany) v46 p81-6 1959.

NCH-204 001 Field 13H

Pieper, H.; Kruger, G.
CEMENT AND SAND AS FACTORS IN CEMENT-SAND MOULDING. 1966. BCIRA-Trans-1179.
Available on loan from BCIRA as Trans-1179

Trans. of Giesserei (West Germany) v52 p59-67 Feb 1965.

NCH-205 864 Field 13H, 13A, 21D

Singer, W.
FUEL OIL IN THE BLAST FURNACE. 28 Jul 66. BISI-4792.
Order from BISI: $5.60 as BISI-4792

Trans. of Samen (sic) v34 p200-1 Oct 1965.

NCH-207 135 Field 13H, 21B

Glinkov, M. A.; Liberman, L. F.
THE ELECTRICAL CONDUCTIVITY OF A LUMINOUS HYDROCARBON FLAME. Tr. by E. R. Hope. May 66, 5p, 12refs. DSIS-T-453-R; NRC-C-6139.
Order from NRC as C-6139

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Tsvetnaya Metallurgiya (USSR) v8 n11 p176-9 1965.

NCH-207 404 Field 13H, 13K, 12A

Trufyakov, V. I.
WELDED JOINT ENDURANCE CALCULATION PROCEDURE (O Metodike Raschete Svarnykh Soedinenii na Vynoslivost). Jun 66, 18p, 14refs. RTS-3223.
Order from NLL: 37s 6d as RTS-3223

Trans. of mono. Proektirovanie Svarnykh Konstruktsii, n.p., 1965 p284-98.

NCH-207 439 Field 13H, 2D

Skorikova, Yu. T.
HOW TO IMPROVE CHERRY-DRYING. (Usovershenstvovaty Sushku Vishni) Nov 66, 13p. RTS-3445.
Order from NLL: 10s as RTS-3445

Trans. of Konservnaya i Ovoshchesoshilnaya Promyshlennost (USSR) v20 n8 p12-6 1965.

NCH-207 462 Field 13H, 13K

Shveikin, V. V.; Ivshin, P. N.
CHANGE IN THE THICKNESS OF PIPE WALLS DURING FORMING WITHOUT A MANDREL (Izmenenie Tolshchiny Stenki Truby pri Deformatsii bez Opravki). Sep 66, 10p, 5refs. RTS-3328.
Order from NLL: 17s 6d as RTS-3328

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n12 p67-73 1962.

NCH-207 578 Field 13H, 11F

Opara, B. K.
OXIDATION RESISTANCE OF DISPERSION HARDENED TUNGSTEN AND COPPER. 22 Nov 66, 9p. TC-2944
Order from TC: $8.00 as TC-2944

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Tsvetnaya Metallurgiya (USSR) v8 n2 p136-9 1965.

NCH-207 611 Field 13H

Eiichi Tsuji; Lueg, W.; Funke, P.
INVESTIGATION OF ROLLING OILS AND ROLLING OIL EMULSIONS IN COLD ROLLING EXPERIMENTS. 28 Nov 66, 18p. TC-2577.
Order from TC: $12.00 as TC-2577

Trans. of Kinzoku Zairyo Gijutsu Kenkyujo. Transactions (Japan) v4 n3 p135-42 1962.

NCH-207 614 Field 13H

Henning, G.
INVESTIGATIONS OF THE STRENGTH OF METAL ADHESIVE BONDS. 28 Nov 66, 17p. TC-2596.
Order from TC: $15.00 as TC-2596

Trans. of Plaste und Kautschuk (East Germany) v12 n8 p459-64 1965.

NCH-207 623 Field 13H, 11F

Vosskuhler, H.
INVERSE SEGREGATION IN INGOTS OF NON-FERROUS METALS. 28 Nov 66, 29p. TC-2520.
Order from TC: $23.00 as TC-2620

Trans. of Zeitschrift fuer Metallkunde (West Germany) v56 p719-29 1965.

NCH-207 634 Field 13H, 7A, 6H

Susumu Azuma.
NEW METHODS FOR THE MANUFACTURE OF FRUCTOSE USING GLUCOSE AS A RAW MATERIAL. 1967, 18p. TC-2654.
Order from TC: $18.00 as TC-2654

Trans. of Dempunto Gijutsu Kenkyu Kaiho (Japan) v33 8p n.d.

NCH-207 648 Field 13H

Mankina, N. N.
INDUSTRIAL TESTING OF THE USE OF HYDRAZINE TO PREVENT IRON OXIDE SCALE FORMATION. 1967, 6p. TC-2702.
Order from TC: $6.00 as TC-2702

Trans. of Teploenergetika (USSR) v8 n6 p62-4 1961.

NCH-207 664 Field 13H

Skurskii, A. V.; Sazhin, B. S.
INDUSTRIAL UTILIZATION OF FLUIDIZED BED DRIERS. 1967, 16p. TC-2732.

Order from TC: $15.00 as TC-2732

Trans. of Khimicheskaya Promyshlennost (USSR) n12 p913-20 1964.

NCH-207 672 Field 13H

Schubert, H.
A CONTRIBUTION TO THE THEORY OF THE ALKALI SALT FLOTATION. 28 Nov 66, 18p. TC-2752.
Order from TC: $13.00 as TC-2752

Trans. of Aufbereitungs-Technik (West Germany) v7 n6 p305-13 1966.

NCH-207 681 Field 13H

Bouchard, J.
RECENT PROGRESS IN THE USE OF ION EXCHANGERS IN SUGAR REFINERIES. 28 Nov 66, 17p. TC-2795.
Order from TC: $14.00 as TC-2795

Trans. of Industries Alimentaires et Agricoles (France) p729-37 1965.

NCH-207 705 Field 13H

Schlatter, R.
PRACTICES IN THE MANUFACTURE OF COPPER-CHROMIUM SHAPED CASTINGS. 28 Nov 66, 39p. TC-2869.
Order from TC: $26.00 as TC-2869

Trans. of Giesserei (West Germany) v49 n3 p60-70 1962.

NCH-207 828 Field 13H, 7A

Schubert, H.
THE FLOTATION PROPERTIES OF QUARTZ WITH PRIMARY, SECONDARY, TERTIARY AND QUATERNARY AMINES. 5 Dec 66, 15p. TC-2928.
Order from TC: $12.00 as TC-2928

Trans. of Freiberger Forschungshefte. Reihe A. Bergbau (East Germany) v355 p51-61 1965.

NCH-207 843 Field 13H, 11F

Siebel, G.
THE INFLUENCE OF THE HEAT-TREATMENT OF INGOTS AND SLABS ON THE EARING OF ALUMINUM SHEETS OF DIFFERENT PURITIES. 5 Dec 66, 29p. TC-2967.
Order from TC: $21.00 as TC-2967

Trans. of Zeitschrift fuer Metallkunde (West Germany) v57 n6 p429-41 1966.

NCH-207 849 Field 13H, 11F, 20K

Shevakin, Yu. F.; Popov, M. V.; Seidaliev, F. S.
INFLUENCE OF A SIGN-CHANGING STRESSED STATE SYSTEM ON THE MECHANICAL PROPERTIES OF A METAL (Vliyanie Zhakoperemennoi Skhemy Napryazhennogo Sostoyaniya na Mekhanicheskoi Svoistva Metalla). Sep 66, 7p, 7refs. RTS-3428.
Order from NLL: 7s 6d as RTS-3428

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n5 p82-4 1965.

NCH-207 857 Field 13H, 11F

Siebel, G.
THE INFLUENCE OF IRON AND SILICON ADDITIONS ON THE EARING OF ALUMINUM SHEET. 5 Dec 66, 17p. TC-3010.
Order from TC: $14.00 as TC-3010

Trans. of Zeitschrift fuer Metallkunde (West Germany) v57 n7 p500-9 1966.

NCH-207 885 Field 13H, 11F

Nishikawa, S.
THE AGING PROCESS OF Cu-Cr ALLOYS. 5 Dec 66, 18p. TC-3079.
Order from TC: $17.00 as TC-3079

Trans. of Nihon Kinzoku Gakkaishi (Japan) v30 n3 p302-7 1966.

NCH-207 887 Field 13H, 11F

Scharf, G.
THE OCCURRENCE OF MAGNESIUM SILICIDE SEGREGATIONS IN EXTRUDED PROFILES FROM AlMgSi 0.5 BASED ON Al 99.9. 5 Dec 66, 18p. TC-3084.
Order from TC: $12.00 as TC-3084

Trans. of das Metall (West Germany) v20 n3 p203-9 1966.

NCH-207 888 Field 13H, 11F

Negrerie, M.; Herenguel, J.
OXIDATION OF BRASS 67/33 UPON ANNEALING. INFLUENCE OF THE SURFACE CLEANLINESS ON COMPOSITION AND PROPERTIES OF THE SCALE LAYER. 5 Dec 66, 10p. TC-3085.
Order from TC: $9.00 as TC-3085

Trans. of das Metall (West Germany) v19 n11 p1259-63 1965.

NCH-207 918 Field 13H, 7D

Hoeller, P.
PREPARATION OF METALLIC SAMPLES FOR OPTICAL EMISSION SPECTROMETRIC ANALYSIS BY A METAL REMELTING AND DECOMPOSITION METHOD. 5 Jan 67. BISI-5031.
Order from BISI: $16.80 as BISI-5031

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v209 p259-83 1965.

NCH-207 924 Field 13H, 11F

Herdieckerhoff, W.
CORUNDIZATION: A NEW TECHNIQUE FOR PROTECTING NICKEL CHROMIUM STEEL HEAT-TREATING AND CARBURISING EQUIPMENT AGAINST DAMAGE BY SULPHURISATION AND CARBURISATION. 5 Jan 67. BISI-5211.
Order from BISI: $5.60 as BISI-5211

Trans. of TZ fuer Praktische Metalbearbeitung (West Germany) v60 n3 p183-4 1966.

NCH-207 925 Field 13H, 11F

Grdina, Yu. V.
HIGH TEMPERATURE THERMOMECHANICAL WORKING OF RAIL STEEL. 5 Jan 67. BISI-5216.
Order from BISI: $5.60 as BISI-5216

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v9 n12 p112-3 1965.

NCH-207 928 Field 13H, 11F

Vom Ende, H.
METALLURGICAL STUDIES OF OXYGEN STEEL MELTS TOP-BLOWN FROM HIGH PHOSPHORUS PIG IRON. 5 Jan 67. BISI-5234.
Order from BISI: $15.40 as BISI-5234

Trans. of Stahl und Eisen (West Germany) v86 n21 p1359-66 1966.

NCH-207 930 Field 13H, 11F, 13A

Shparber, L. Ya.
CRITICAL PROBLEMS IN THE CONTROL OF BLAST FURNACE OPERATION. Jan 67. BISI-4633.
Order from BISI: $16.80 as BISI-4633

Trans. of Metallurg (USSR) n5 p3-7 1956.

NCH-207 932 Field 13H, 11F

Vater, M.
CHANGES IN THE MECHANICAL PROPERTIES OF OPEN-DIE FORGINGS ARISING FROM REDUCING AND UPSETTING. Jan 67. BISI-5073.
Order from BISI: $25.20 as BISI-5073

Trans. of Stahl und Eisen (West Germany) v86 p892-905 1966.

NCH-207 937 Field 13H, 11F

Kueppers, W.
PROBLEMS INVOLVED IN THE FINE PROCESSING OF STAINLESS STEEL SHEET. Jan 67. BISI-5212.
Order from BISI: $16.80 as BISI-5212

Trans. of Blech (West Germany) v12 p625-33 Nov 1965.

NCH-207 939 Field 13H, 11F, 13A

Peter, W.; Spitzer, H.
VACUUM-ARC FURNACE MOLTEN STEEL FOR FORGINGS. Jan 67. BISI-5257.
Order from BISI: $19.60 as BISI-5257

Trans. of Stahl und Eisen (West Germany) v86 p1383-93 1966.

NCH-207 941 Field 13H

Heinze, G.
FORMATION OF LUSTROUS CARBON AND SOFTENING CHARACTERISTICS OF COAL DUST IN BENTONITE BONDED MOULDING SAND DURING CASTING IN GREEN SAND MOULDS. Jan 67. BISI-5033.
Order from BISI: $16.80 as BISI-5033

Trans. of Giesserei (West Germany) v53 p449-55 Jul 7 1966.

NCH-207 942 Field 13H, 11F

Class, I.; Boehm, G.
SOME PROPERTIES OF TITANIUM-CONTAINING FINE-GRAINED STRUCTURAL STEELS. Jan 67. BISI-5045.
Order from BISI: $16.80 as BISI-5045

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 p57-64 Jan 1966.

NCH-207 943 Field 13H, 11F, 13A, 21D

Naniov, Z.
CONVERSION OF OPEN-EARTH FURNACES AT THE "LENIN" STEELWORKS FROM GAS TO HEAVY OIL FIRING. Jan 67. BISI-5086.
Order from BISI: $8.40 as BISI-5086

Trans. of Neue Huette (East Germany) v10 p691-2 Nov 1965.

NCH-207 946 Field 13H, 11F

Duflot, J.
CONTRIBUTION TO THE STUDY OF OXYGEN DISTRIBUTION IN RIMMING STEEL INGOTS. Jan 67. BISI-5149.
Order from BISI: $22.40 as BISI-5149

Trans. of Revue de Metallurgie (France) v63 p383-95 1966.

NCH-207 947 Field 13H, 11F

Arzenheimer, M.; Luettmer, H.
AUTOMATION OF A UNIVERSAL SLABBING TRAIN IN THE AUGUST THYSSEN WORKS. Jan 67. BISI-5214.
Order from BISI: $5.60 as BISI-5214

Trans. of Klepzig Fachberichte (West Germany) v73 n10 p485-7 1965.

NCH-207 949 Field 13H, 11F

Pospichal, Z.; Seifert, M.
MEASUREMENT OF STEEL TEMPERATURES IN BOTTOM-POUR LADLES. Jan 67. BISI-5244.
Order from BISI: $12.60 as BISI-5244

Trans. of Slevarenstvi (Czechoslovakia) v13 n6 p221-3 1965.

NCH-207 951 Field 13H

Wissmann, F.
THE PRACTICE OF METAL BONDING - A LITERATURE REVIEW. Jan 67. BISI-4667.
Order from BISI: $8.40 as BISI-4667

Trans. of Technica (Switzerland) v14 n4 p279-82 1965.

NCH-207 953 Field 13H, 11F, 13A

Kazantsev, I. G.
DETERMINATION OF THE COEFFICIENT OF MASS TRANSFER BETWEEN THE GASEOUS PHASE AND THE BATH OF AN OPEN-HEARTH FURNACE. Jan 67. BISI-5158.
Order from BISI: $5.60 as BISI-5158

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n11 p44-7 1965.

NCH-207 954 Field 13H, 11F

Kidin, I. N.
INFLUENCE OF WORKING THE AUSTENITE PRIOR TO PATENTING ON THE PROPERTIES OF CARBON STEEL WIRE. Jan 67. BISI-5194.
Order from BISI: $9.80 as BISI-5194

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n11 p136-40 1965.

NCH-207 955 Field 13H, 11F, 13A

Dittrich, A.; Pavlik, O.
TANDEM FURNACES. Jan 67. BISI-5200.
Order from BISI: $15.40 as BISI-5200

Trans. of Hutnik (Czechoslovakia) v15 n7 p268-72 1965.

NCH-207 956 Field 13H, 11F

Nefedov, A. A.; Ershov, V. N.
CURVATURE OF BIMETAL STRIPS DURING ROLLING. Jan 67. BISI-5227.
Order from BISI: $5.60 as BISI-5227

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n10 p100-3 1966.

NCH-207 957 Field 13H, 11F

Lescot, C. H.; Reynaud, J.
A NEW LOAD CELL. Jan 67. BISI-5233.
Order from BISI: $11.20 as BISI-5233

Trans. of Centre de Documentation Siderurgique. Circulaire d'Informations Techniques (France) n4 p1023-36 1966.

NCH-207 959 Field 13H, 11F

Poquet, A.; Morillon, Y.
THE DETERMINATION OF HEATING SCHEDULES FOR LARGE FORGED INGOTS. Jan 67. BISI-5242.
Order from BISI: $8.40 as BISI-5242

Trans. of Revue de Metallurgie (France) v63 p673-7 1966.

NCH-207 963 Field 13H, 11F

Borok, B. A.
ROLLING POWDERS ON A PRODUCTION TYPE ROLL STAND. Jan 67. BISI-5056.
Order from BISI: $15.40 as BISI-5056

Trans. of Poroshkovaya Metallurgiya (USSR) n1(43) p53-9 1965.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-207 964 Field 13H, 11F

Urazgildeev, A. Kh.
GAS EVOLUTION DURING SOLIDIFICATION OF RIMMING STEEL INGOTS. Jan 67. BISI-5075.
Order from BISI: $15.40 as BISI-5075

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) n8 p44-9 1965.

NCH-207 968 Field 13H, 11F, 13A

Baumgarten, P.
THE MOVEMENT OF NITROGEN IN TOP BLOWING PROCESS TESTS IN A 6-TON SWIVELING CONVERTER. 1967. BISI-5147.
Order from BISI: $23.80 as BISI-5147

Trans. of Stahl und Eisen (West Germany) v85 p1165-73 1965.

NCH-207 971 Field 13H, 11F, 13A

Thibaut, C. G.
ANALYSIS OF BLAST FURNACE PERFORMANCE METHOD OF ADJUSTED COKE RATES. 9 Feb 67. BISI-4623.
Order from BISI: $11.20 as BISI-4623

Trans. of Centre de Documentation Siderurgique. Circulaire d'Informations Teqhniques (France) v16 n7 p1541-53 1959.

NCH-207 972 Field 13H, 11F, 13A

Roederer, A.
OPERATION WITH HIGH SINTER PERCENTAGE AND FAST DRIVING RATES OF MONT-SAINT-Martin NO. 2 BLAST FURNACE. 9 Feb 67. BISI-4991.
Order from BISI: $29.40 as BISI-4991

Trans. of Revue de Metallurgie (France) v59 p699-723 1962.

NCH-207 973 Field 13H

Birzer, F.
THE EFFECT OF HEAT TREATMENT ON SOME OF THE PROPERTIES OF COLD STRIP. 9 Feb 67. BISI-5085.
Order from BISI: $9.80 as BISI-5085

Trans. of Baender, Bleche, Rohre (West Germany) v7 p185-8 1966.

NCH-207 977 Field 13H, 11F

Klement, A.
SURFACE DEFECTS ON HOT- AND COLD ROLLED SHEET. 9 Feb 67. BISI-5181.
Order from BISI: $15.40 as BISI-5181

Trans. of Blech (West Germany) v12 p433-9 1965.

NCH-207 980 Field 13H, 13K

Hertel, H.; Ruppin, D.
EXPLOSIVE UPSETTING OF TUBE ENDS. 9 Feb 67. BISI-5199.
Order from BISI: $14.00 as BISI-5199

Trans. of Baender, Bleche, Rohre (West Germany) v7 n6 p367-72 1966.

NCH-207 983 Field 13H, 11F

Asemar, M.
MODERNIZATION OF A MERCHANT BAR MILL. 16 Feb 67. BISI-5048.
Order from BISI: $8.40 as BISI-5048

Trans. of Centre de Documentation Siderurgique. Circulaire d'Informations Techniques (France) p783-9 Mar 1966.

NCH-207 984 Field 13H, 11F

Rossard, C.; Blain, P.
THE EFFECT OF ROLLING CONDITIONS ON THE METALLURGICAL QUALITY OF EXTRA-SOFT STEEL STRIP ROLLED IN A CONTINUOUS HOT MILL.
16 Feb 67. BISI-5061.
Order from BISI: $21.00 as BISI-5061

Trans. of Revue de Metallurgie (France) v61 p949-61 1964.

NCH-207 987 Field 13H, 11F

Lange, G.; Hofmann, W.
RELATIONSHIP BETWEEN HYDROGEN ABSORPTION AND POROSITY IN IRON. 16 Feb 67. BISI-5145.
Order from BISI: $15.40 as BISI-5145

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 p391-7 1966.

NCH-207 988 Field 13H, 11F

Grumbach, M.
AUTOMATIC APPARATUS FOR MEASURING THE WORK-HARDENING COEFFICIENT(n-METER). 16 Feb 67. BISI-5159.
Order from BISI: $5.60 as BISI-5159

Trans. of Revue de Metallurgie (France) v63 p347-50 1966.

NCH-207 990 Field 13H, 11F

Hummer, R.; Nechtelberger, E.
PRODUCTION OF S. G. IRON OF HIGH ELONGATION IN THE AS-CAST STATE FROM LOW-MANGANESE PIG IRON USING THE ACID-LINED COLD-BLAST CUPOLA. 16 Feb 67. BISI-5246.
Order from BISI: $8.40 as BISI-5246

Trans. of Giesserei-praxis (West Germany) n18 p325-30 1966.

NCH-207 991 Field 13H, 11F

Afanasev, A. S.
THE EFFECTIVENESS OF CERTAIN INHIBITORS USED IN THE SULPHURIC PICKLING OF MILD STEEL.
16 Feb 67. BISI-5253.
Order from BISI: $14.00 as BISI-5253

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) v32 n7 p766-9 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-31127 Field 13H, 13A, 14B, 20K

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 31. 31 Mar 67, 73p. JPRS-40482.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31127

TT-67-61111 Field 13H, 2B, 2D

QUALITY STANDARDS AND SPECIFICATIONS.
15 Feb 67, 54p. J-1723.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61111

Trans. of mono. Qualitaets- und Liefervorschriften, Technische Lieferbedingungen, West Germany, 1966.

TT-67-61303 Field 13H

Wimmer, M.; Stetina, B.
QUALITY IN THE FOREFRONT OF INTEREST (AND) TECHNICAL LEVEL AND QUALITY OF PRODUCTS (V Popredi Zajmu je Kvalital; Technicka Uroven a Kvalita Vyrobku). 17 Oct 66, 10p. J-0797.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61303

Trans. of Technicka Prace (Czechoslovakia) n6 p401-7 1964.

I. Machinery and tools

NCH-207 921 Field 13I

Nowak, V.
PREMIUM BONUS PAYMENT SYSTEM IN A STAMPING AND PRESSING SHOP. 5 Jan 67. BISI-5102.
Order from BISI: $14.00 as BISI-5102

Trans. of Baender, Bleche, Rohre (West Germany) v7 p203-9 1966.

TT-67-31225 Field 13I

Mitov, G.
EAST EUROPEAN MACHINERY INDUSTRIES: TRANSLATIONS NO. 18. 10 Apr 67, 12p. JPRS-40581.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31225

Trans. of Ikonomicheski Zhivot (Bulgaria) n9(27) p10 1967 and Pomorstvo (Yugoslavia) n1 p16 1967.

J. Marine engineering

NCH-207 433 Field 13J, 5C

Norgard, L.
CHARTERING AND FINANCING CONDITIONS IN INTERNATIONAL MARITIME TRANSPORT.
19 Oct 66. BSRA-2448.
Order from BSRA: L5 as BSRA-2448

Trans. of Unidentified mono., Bergen, 1965.

TT-67-31122 Field 13J, 5C

AFRICA: TRANSLATIONS NO. 527. 31 Mar 67, 39p. JPRS-40477.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31122

L. Safety engineering

NCH-207 471 Field 13L

Anokhin, A.; Volkova, N.; Svetashov, N.
SMOKE EXPERIMENTS IN NEW FLATS (Opiti v Novikh Cheremushkakh). Jun 66, 18p. RTS-3062.

Order from NLL: 7s 6d as RTS-3062

Trans. of Pozharnoe Delo (USSR) n2 p10-1 1965.

TT-67-61400 Field 13L

Lie, T. T.
CLOTHING MATERIALS AND BUILDING STRUCTURES DURING FIRE (Bekledingsmaterialen en Bouwconstructies bij Brand). 1966, 37p, 17refs.
JPRS-R-7718-D.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61400

Trans. of Heron (sic) v13 n2 p13-37 1965.

M. Structural engineering

NCH-207 373 Field 13M, 20K, 8M

Berezantsev, V. G.
PRACTICAL METHODS OF CALCULATING THE STRENGTH OF THE SUBSOIL BENEATH DEEP FOUNDATIONS (Prakticheskie Metody Rascheta Prochnosti Osnovanii Fundamentov Glubokogo Zalozheniya). Sep 66, 15p. RTS-3479.
Order from NLL: 37s 6d as RTS-3479

Trans. of mono. Raschet Prochnosti Osnov. Soor., n.p. 1960 p109-23.

NCH-207 482 Field 13M, 12A

Saulev, V. K.
THE NUMERICAL INTEGRATION OF THE HEAT CONDUCTIVITY EQUATION (O Chislennom Integrirovanii Uravneniya Teploprovodnosti). Sep 66, 6p, 3refs.
RTS-3041.
Order from NLL: 7s 6d as RTS-3041

Trans. of Akademiya Nauk SSSR. Doklady, v125 n1 p48-50 1959.

NCH-207 895 Field 13M

Sowards, R. D.
UNDERGROUND CAVITIES FOR REFINERY STORAGE OF LIQUEFIED PETROLEUM GAS. 1967, 14p.
TC-3095.
Order from TC: $12.00 as TC-3095

Trans. of Association francaise des Techniciens du Petrole. Revue, n178 p39-46 1966.

TT-67-61507 Field 13M, 20K

Houberyan, K. M.
CALCULATION OF AN ARCH DAM BY THE OVERALL VARIATION OF BARS METHOD (Raschet Arochnykh Plotin po Obshchemu Variatsionno-Sterzhnevomu Sposobu). Apr 63, 18p (foreign text included) refs.
BR-D-Trans-431.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61507

Trans. of Gidrotekhnicheskoe Stroitelstvo (USSR) v32 n3 p24-7 1962.

14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

NCH-207 086 Field 14B

Bizo, I.
MODERN, RAPID DEVICES FOR THE DETERMINATION OF THE MOISTURE CONTENT OF TOBACCOS. 1966, 11p. TC-2325.
Order from TC: $12.50 as TC-2325

Trans. of Dohanyipar (Hungary) v6 p268-70 n.d.

NCH-207 647 Field 14B

Fuks, S. N.
VACUUM BAROMETER FOR MEASUREMENT OF STEAM TURBINE EXHAUST STEAM PRESSURE (Barovakuummetr dlya Izmereniya Davleniya Otrabotovshego Para Parovykh Turbin). Oct 66, 6p. RTS-3507.
Order from NLL: 5s as RTS-3507

Trans. of Energetik (USSR) v11 n8 p14-6 1963.

TT-67-61402 Field 14B, 20C, 20M

Mikryukov, V. E.
THE METHOD OF KOHLRAUSCH (Metod Kolrausha). 1966, 31p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61402

Trans. of mono. Teploprovodnost i Elektroprovodnost Metalov i Splavov, Moscow, 1959 p93-117.

E. Reprography

NCH-207 571 Field 14E

Vinokurov, L. G.
STUDY OF THE PARAMETERS OF SELENIUM ELECTROPHOTOGRAPHIC LAYERS. 22 Nov 66, 18p.
TC-2871.
Order from TC: $16.00 as TC-2871

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) v11 n3 p201-10 1966.

NCH-207 594 Field 14E, 20F

Klein, E.; Matejec, R.
SUMMARY OF PRESENT CONCEPTS OF SPECTRAL SENSITIZATION. 28 Nov 66, 32p. TC-2100.
Order from TC: $23.00 as TC-2100

Trans. of Mitteilungen aus den Forschungslaboratorien der Agfa Leverkusen-Muenchen (West Germany) v4 p16-37 1964.

NCH-207 595 Field 14E, 20F

Puschel, W.
ON THE CHEMISTRY OF WHITE COUPLERS.
28 Nov 66, 22p. TC-2102.
Order from TC: $14.00 as TC-2102

Trans. of Mitteilungen aus den Forschungslaboratorien der Agfa Leverkusen-Muenchen (West Germany) v4 p352-67 1964.

NCH-207 600 Field 14E

Klein, B.; Metz, H. J.; Moisar, E.
TWIN FORMATION IN SILVER HALOGENIDE CRYSTALS OF PHOTOGRAPHIC EMULSIONS.
28 Nov 66, 34p. TC-2227.
Order from TC: $25.00 as TC-2227

Trans. of Mitteilungen aus den Forschungslaboratorien der Agfa Leverkusen-Muenchen (West Germany) v4 p65-89 1964.

NCH-207 708 Field 14E

Schumann, W.
INVESTIGATION OF THE ELECTROSTATIC CHARGING OF FILMS. 28 Nov 66, 51p. TC-2883.
Order from TC: $29.00 as TC-2883

Trans. of Veroeffentlichungen der Wissenschaftlichen Photo-Laboratorien AGFA (West Germany) v10 p379-408 1965.

NCH-207 723 Field 14E

Ollmann, D.; Pietsch, H.
THE INFLUENCE OF PHOTOGELATINS ON THE I-AGGREGATION OF CARBOCYANINES. 28 Nov 66, 14p. TC-2982.
Order from TC: $12.00 as TC-2982

Trans. of Veroeffentlichungen der Wissenschaftlichen Photo-Laboratorien AGFA (West Germany) v10 p87-100 1965.

NCH-208 011 Field 14E

Chino, K.; Morokawa, S.; Tokutomi, S.; Nakamura, K.
PREPARATION AND PROPERTIES OF PHOTOCONDUCTIVE EVAPORATED CdS-Cu-Cl FILMS. 10 Apr 67, 13p. ATS-25T98J.
Order from ATS: $20.85 as ATS-25T98J

Trans. of Denshi Shashin (Japan) v7 n1 p15-23 1966.

NCH-208 012 Field 14E

Hayashi, Y.; Hasegawa, M.; Noma, S.
STUDIES ON TRANSPARENT SUBSTRATE FILMS. PT. 2: REDUCTION OF SURFACE RESISTIVITY OF CELLULOSE DIACETATE BY LAMINATING A TRANSPARENT CUPROUS IODIDE LAYER. 10 Apr 67, 6p. ATS-24T98J.
Order from ATS: $11.25 as ATS-24T98J

Trans. of Denshi Shashin (Japan) v7 n1 p10-14 1966.

NCH-208 013 Field 14E

Watanabe, H.; Wada, M.; Takahashi, T.
EFFECT OF OXYGEN ON THE ELECTRICAL CONDUCTIVITY OF ZINC OXIDE POWDER. 10 Apr 67, 14p. ATS-23T98J.
Order from ATS: $21.50 as ATS-23T98J
Trans. of Denshi Shashin (Japan) v7 n1 p2-9, 14 1966.

NCH-208 017 Field 14E

Seimiya, R.; Mitsuhashi, Y.
MEASUREMENT OF THE TRIBOELECTRIC CHARACTERISTICS OF POWDER DEVELOPERS FOR ELECTROPHOTOGRAPHY. 10 Apr 67, 9p. ATS-27T98J.
Order from ATS: $15.50 as ATS-27T98J

Trans. of Denshi Shashin (Japan) v7 n1 p31-6 1966.

NCH-208 018 Field 14E

Kawaguchi, T.; Yoshida, H.; Kawai, H.
PHOTOSENSITIVE ESR AND PHOTOCONDUCTION OF Li- AND Ag-DOPED ZINC OXIDE. 10 Apr 67, 13p. ATS-26T98J.
Order from ATS: $22.75 as ATS-26T98J

Trans. of Denshi Shashin (Japan) v7 n1 p24-30 1966.

15 MILITARY SCIENCES

TT-67-31107 Field 15-, 5I

Morozov, V.; Rybkin, E.; Puzik, V.
SOVIET MILITARY TRANSLATIONS NO. 376. 30 Mar 67, 24p. JPRS-40462.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31107

Trans. of Kommunist Vooruzhennykh Sil (USSR) n4 p55-62, 91-5 1967.

TT-67-31109 Field 15-, 5I

NORTH VIETNAM: TRANSLATIONS NO. 139. 30 Mar 67, 44p. JPRS-40464.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31109

TT-67-31146 Field 15-, 5A

NORTH VIETNAM: TRANSLATIONS NO. 140. 4 Apr 67, 22p. JPRS-40502.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31146

B. Chemical, biological, and radiological warfare

TT-67-31063 Field 15B

Tanasescu, V.; Mihailescu, M.
ANTIBACTERIOLOGICAL DEFENSE AND DECONTAMINATION OF NAVAL VESSELS. 27 Mar 67, 10p. JPRS-40418.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31063

Trans. of Revista Sanitara Militara (Rumania) n1 p167-72 1967.

TT-67-31064 Field 15B

Mitru, G.; Popa-Zeletin, I.
COMPARATIVE STUDY OF NEUROPARALYTIC AND NEUROPSYCHIC (PSYCHOCHEMICAL) CHEMICAL WARFARE AGENTS. 27 Mar 67, 12p, 8refs. JPRS-40419.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31064

Trans. of Revista Sanitara Militara (Rumania) n1 p15-21 1967.

C. Defense

TT-67-31173 Field 15C, 5I

SOVIET MILITARY TRANSLATIONS NO. 377. 5 Apr 67, 81p. JPRS-40529.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31173

Trans. of Voennye Znaniya (USSR) n2 p6-7, 15-23, 25-30 1967.

G. Operations, strategy, and tactics

TT-67-31094 Field 15G, 5D, 5I, 2B

NORTH VIETNAM: TRANSLATIONS NO. 138. 28 Mar 67, 40p. JPRS-40449.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31094

TT-67-31191 Field 15G, 9D

Bokarev, V. A.
METHODOLOGICAL PROBLEMS IN THE AUTOMATION OF TROOP CONTROL. 6 Apr 67, 17p. JPRS-40547.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31191

Trans. of mono. Metodologicheskie Problemy Voennoi Teorii i Praktiki, Moscow, 1966 p243-65.

TT-67-61479 Field 15G, 5I, 13J

TECHNOLOGY AND ARMAMENT. NO. 10, 1966. 15 Feb 67, 142p. J-1170; AD-649 780.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-649 780

Trans. of Tekhnika i Vooruzhenie (USSR) n10 p2-89, 93-5 1966.

16 MISSILE TECHNOLOGY

A. Missile launching and ground support

TT-67-61480 Field 16A, 22D, 8L, 13B, 13F

Klein, V.
SUPPORT FACILITIES AND EQUIPMENT FOR MISSILE AND SPACE SYSTEMS. 20 Feb 67, 19p, refs. ATD-67-12; AD-649 846.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-649 846

Compilation of abstracts based on Soviet and Satellite open sources pub. in 1966.

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

TT-67-31120 Field 17B, 9C, 5I

HERALD OF COMMUNICATIONS NO. 1, 1967: SELECTED ARTICLES. 31 Mar 67, 97p. JPRS-40475.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31120

Trans. of Vestnik Svyazi (USSR) v27 n1 p1-19, 23-4, 26-7, 30-2 1967.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31205 Field 17B

Kruglov, L.
USSR COMMUNICATIONS: TRANSLATIONS NO. 81. The Ostankino Television Tower. 7 Apr 67, 5p. JPRS-40561.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31205

Trans. from Gudok (USSR) n49 p4 1967.

TT-67-31222 Field 17B

HERALD OF COMMUNICATIONS, NO. 2, 1967. 10 Apr 67, 21p. JPRS-40578.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31222

Trans. of Vestnik Svyazi (USSR) n2 p1-3, 32 1967.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31226 Field 17B

EAST EUROPEAN ELECTRONICS AND PRECISION EQUIPMENT INDUSTRIES: TRANSLATIONS NO. 10. Evaluation of the Economic Development of the Hungarian Vacuum and Communications Industry. 10 Apr 67, 17p. JPRS-40582.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31226

Trans. of Hiradastechnika (Hungary) v18 n2 p34-9 1967.

TT-67-61319 Field 17B, 5A

Cieliszak, K.
TEN YEARS OF THE ACTIVITIES OF TELE- AND RADIO ENGINEERING INSTITUTE (10 Lat Dzialalnosci Instytytu Tele- i Radiotechnicznego). 14 Nov 66, 21p. J-0528.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61319

Trans. of Przeglad Telekomunikacyjny (Poland) n5 p145-52 1966.

TT-67-61478 Field 17B

Podpaly, W., comp.
COMMUNICATIONS NETWORKS. PART I: REVIEW OF SOVIET LITERATURE. PART II: DESIGNATIONS AND ABBREVIATIONS. 16 Jan 67, 58p, 23refs. ATD-67-5; AD-649 721.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-649 721

Compilation of abstracts based on Soviet open sources pub. 1965-66 and one source pub. in 1960.
Rept. on Surveys of Foreign Scientific and Technical Literature.

H. Optical detection

TT-67-31247 Field 17H

Yurevich, V. A.; Pechorin, Yu.; Chirtsov, A. D.
DESCRIPTION OF SOVIET SATELLITE TRACKING EQUIPMENT. 12 Apr 67, 11p, 4refs. JPRS-40603.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31247

Trans. of Byulleten Stantsii Opticheskogo Nablyudeniya Iskusstvennykh Sputnikov Zemli (USSR) n46 p22-7 1965.

18 NUCLEAR SCIENCE AND TECHNOLOGY

I. Reactor engineering and operation

TT-66-51011 Field 18I

Melnikov, N. P.
ENGINEERING DESIGN AND STRUCTURAL ANALYSIS OF NUCLEAR REACTORS. 1967, 590p, refs. SFCSI-AEC(TT-66-51011); AEC-tr-6640.
Order from CFSTI: $3.00 as AEC-tr-6640

Trans. of mono. Konstruktivnye Formy i Metody Rascheta Konstruktsii Yadernykh Reaktorov, Moscow, 1963.

19 ORDNANCE

D. Explosions, ballistics, and armor

TT-67-61390 Field 19D

Bradeanu, P.
OPTIMAL PROGRAMMING OF THRUST DIRECTION OF A BALLISTIC ROCKET MOVING IN THE ATMOSPHERE (Optimalnoe Programmirovanie Nepravleniya Tyagi Ballisticheskoi Rakety, Dvizhushcheisya v Vozdukhe). 20 Dec 66, 18p, 3refs. FTD-TT-65-1753; AD-649 403.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-649 403

Edited trans. of Revue Roumaine des Sciences Techniques. Serie de Mechanique Appliquee (Rumania) v9 n1 p213-25 1964.

20 PHYSICS

TT-67-31176 Field 20-, 12A

EAST EUROPEAN SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 78. 5 Apr 67, 61p. JPRS-40532.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31176

TT-67-31214 Field 20, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 97. 7 Apr 67, 122p. JPRS-40570.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31214

B. Crystallography

NCH-206 601 Field 20B

Brisson, de.
OPINION STUDY ON THE SONIC BANG (Etude d'Opinion Sur le Bang Supersonique). Tr. by A. T. E. Bray. Apr 66, 43p. RAE-Lib-Trans-1159.
Order from NLL

Trans. of Centre d'Etudes et d'Instruction Psychologiques de l'Armee de l'Air. Rept. (France) n22 1966.

TT-67-61406 Field 20B

Rasetti, F.
THE RAMAN EFFECT IN CRYSTALS. (Sopra l'Effetto Raman nei Cristalli). 1966, 7p, 10refs. JPRS-R-7949-D.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61406

Trans. of Nuovo Cimento (Italy) v9 p72-4 1932.

TT-67-61520 Field 20B, 18H

Zhuravlev, A. G.
ON THE STRAIN STATE OF AN IRRADIATED BODY. 1967, 5p, 7refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61520

Trans. of Moscow Univ. Vestnik. Seriya 1: Matematika, Mekhanika (USSR) v17 n4 p58-62 1962.

C. Electricity and magnetism

NCH-207 732 Field 20C

Raub, C. J.; Raub, E.
SUPERCONDUCTIVITY AND PARTICLE SIZE IN HETEROGENEOUS COPPER-LEAD ALLOYS. 28 Nov 66, 12p. TC-3065.
Order from TC: $8.00 as TC-3065

Trans. of Zeitschrift fuer Physik (West Germany) v186 p310-8 1965.

NCH-207 834 Field 20C, 7B

Richter, F.; Kierspe, W.
THE INFLUENCE OF TRANSITION ELEMENTS ON THE ELECTRICAL RESISTIVITY OF COPPER. 5 Dec 66, 7p. TC-2943.
Order from TC: $4.50 as TC-2943

Trans. of Zeitschrift fuer Naturforschung (West Germany) v20A p1371-3 1965.

D. Fluid mechanics

NCH-207 411 Field 20D

Sorokin, Yu. L.
THE CONDITIONS OF STABILITY OF CERTAIN KINDS OF FLOW OF GAS-LIQUID MIXTURES IN VERTICAL PIPES (Ob Usloviyakh Ustoichivosti Nekotorykh Rezhimov Dvizheniya Gazo-Zhidkostnykh Smecei v Vertikalnykh Trubach). Jun 66, 13p, 14refs. RTS-3184.
Order from NLL: 15s as RTS-3184

Trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) n6 p160-5 1963.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 413 Field 20D, 12A

Ustinov, M. D.
AN EXACT SOLUTION OF A GAS-DYNAMIC PROBLEM CONCERNING THE MOTION OF A PISTON (Tochnoe Reshenue Odnoi Gazodinamicheskoi Zadachi o Dvizhenii Porshnaya). Jun 66, 7p, 2refs. RTS-3202.
Order from NLL: 10s as RTS-3202

Trans. of Inzhenernyi Zhurnal (USSR) v4 n1 p104-7 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-207 485 Field 20D

Kudrashev, L. I.; Golovin, V. M.
THE DISSIPATIVE HEATING OF AN INCOMPRESSIBLE VISCOUS FLUID IN LAMINAR FLOW IN A ROUND CYLINDRICAL PIPE (O Dissipativnom Nagreve Vyazkoi Neszhimaemoi Zhidkosti pri Laminarnom Rezhime Dvizheniya b Tsilindrecheskoi Krugloi Trube). Jun 66, 8p, 7refs. RTS-3273.
Order from NLL: 25s as RTS-3273

Trans. of Aviatsonnyi Institut, Kuibyshev. Trudy (USSR) v15 n1 p27-36 1962.
Doklady Kustavoi Nauchno-tekhnicheskoi Konferentsii po Voprosam Mekhaniki Zhidkosti i Gaza.

TT-67-61392 Field 20D

Penzin, V. I.
OPTIMUM CONDITIONS OF SUPERSONIC FLOWS WITH OBLIQUE SHOCK WAVES AND SUBSEQUENT HEAT ADDITION (Ob Usloviyakh Optimalnosti Sverkhzvukovykh Techenii s Kosymi Skachkami Uplotneniya i Posleduyushchim Telplopodvodum). 31 Jan 67, 14p, 1ref. FTD-HT-67-26; AD-649 418.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-649 418

Unedited rough draft trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionnaye Tekhnika (USSR) n4 p114-20 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

F. Optics

NCH-207 601 Field 20F, 14E

Eggers, J.; Matejec, R.
FADING WITH LIGHT AND gamma-IRRADIATION, AS A FUNCTION OF RADIATION INTENSITY.
28 Nov 66, 12p. TC-2230.
Order from TC: $9.50 as TC-2230

Trans. of Mitteilungen aus den Forschungslaboratorien der Agfa Leverkusen-Muenchen (West Germany) v4 p172-82 1964.

TT-67-61391 Field 20F, 14B

Spivak, G. V.; Dyukov, V. G.; Sedov, N. N.; Nevzorov, A. N.
A STROBOSCOPIC SECONDARY-EMISSION ELECTRON MICROSCOPE (Stroboskopicheskii Vtorichno-Emissionnyi Elektronnyi Mikroskop). 31 Jan 67, 17p, 11refs. FTD-HT-66-757; AD-649 410.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-649 410

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Fizicheskaya, v30 n5 p742-8 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

I. Plasma physics

NCH-207 498 Field 20I

Kuzmin, G. G.
QUESTIONS CONCERNING THE REPORT OF G. G. KUZMIN (Voprosy po Dokladu G. G. Kuzmina). Sep 66, 3p. RTS-3427.
Order from NLL: 5s as RTS-3427

Trans. of Akademiya Nauk Kazakhskoi SSR, Alma-Ata. Astrofizicheskii Institut. Trudy, v5 p20-2 1965.

TT-67-61518 Field 20I, 20E, 7D

Korunchikov, A. I.; Yankovskii, A. A.
ON SOME PECULIARITIES OF ENTRY OF MATERIAL INTO A PLASMA AND OF THE EXCITATION OF ITS SPECTRA UNDER THE EFFECT OF LASER RADIATION. 1967, 13p, 8refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61518

Trans. of Zhurnal Prikladnoi Spektroskopii (USSR) v5 n5 p586-94 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

J. Quantum theory

TT-67-61403 Field 20J

Fermi, E.; Rasetti, F.
MEASURING THE H/K/ RATIO BY ANOMALOUS THALLIUM DISPERSION (Una Misura del Rapporto h/k per Mezzo della Dispersione Anomala del Tallio). 1967, 8p. JPRS-R-7953-D.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61403

Trans. of Accademia Nazional e dei Lincei. Classe di Scienze Fisiche, Matematiche e Naturali. Rendiconti (Italy) v5 p566-70 1927.

K. Solid mechanics

NCH-207 142 Field 20K

Mukhin, H. M.; Pisarenko, G. S.
INVESTIGATION OF THE EFFECT OF THE CROSS-SECTIONAL DIMENSIONS OF A TESTPIECE ON THE DAMPING DECREMENT OF TORSIONAL VIBRATIONS (Issledovanie Vliyaniya Razmerov Secheniya Obraztsa na Dekrement Zatukhaniya Krutilnykh Kolebanii). Oct 66, 9p, 3refs. RTS-3478.
Order from NLL: 15s as RTS-3478

Trans. of mono. Ras. Energ. pri Koleban. Uprug. Sistem., Kiev, 1963 p214-9.

NCH-207 399 Field 20K

Karapetyan, K. S.; Kotikyan, R. A.
BASIC EQUATION OF CREEP IN THE THEORY OF A TENSILE CREEPING BODY (Ob Osnovnom Uravnenii Polzuchesti Teorii Uprugopolzuchevo Tela). Jun 66, 6p, 2refs. RTS-3250.
Order from NLL: 10s as RTS-3250

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Izvestiya. Seriya Fiziko-Matematicheskikh Nauk, v17 n5 p47-50 1964.

NCH-207 920 Field 20K, 11F

Coriou, H.
STRESS CORROSION, DELAYED FAILURES, CORROSION FATIGUE AND RELATIONS BETWEEN THESE PHENOMENA. 5 Jan 67. BISI-5100.
Order from BISI: $11.20 as BISI-5100

Trans. of Centre d'Etudes Nucleaires de Saclay. Colloque (no. 8) Jun 64. Paper, u.p., n.d. p135-42.

TT-67-61517 Field 20K

Kosheleva, T. I.
ON THE STABILITY OF A TOROIDAL SHELL. 1967, 7p, 5refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61517

Trans. of Prikladnaya Mekhanika (USSR) v3 n1 p55-61 1967.

TT-67-61519 Field 20K

Bikkenina, Yu. V.
ON THE QUESTION OF PLASTICITY CONDITIONS FOR ANISOTROPIC MEDIA. 1967, 7p, 8refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61519

Trans. of Moscow Univ. Vestnik. Seriya 1: Matematika, Mekhanika (USSR) v17 n3 p58-64 1962.

TT-67-61521 Field 20K

Vasin, R. A.
ON THE PROOF OF FLOW THEORY THEOREMS FOR WORK-HARDENING OF BODIES. 1967, 5p, 8refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61521

Trans. of Moscow Univ. Vestnik. Seriya 1: Matematika, Mekhanika (USSR) v17 n5 p60-4 1962.

L. Solid-state physics

NCH-207 883 Field 20L

Eggert, H.
THE MECHANISM OF CONDUCTION IN SELENIUM. 5 Dec 66, 6p. TC-3074.
Order from TC: $6.50 as TC-3074

Trans. of Zeitschrift fuer Naturforschung (West Germany) v21a p658-60 1966.

M. Thermodynamics

NCH-207 145 Field 20M, 20D

Kuznetsov, L. A.
HEAT TRANSFER IN A CIRCULAR JET FLOWING INTO A SLIT (Teplootdacha Krugloi Strui Vozdukha Vozdukha Bytokayushchei v Shchel). Nov 66, 14p, 3refs. RTS-3722.
Order from NLL: 10s as RTS-3722

Trans. of Energomashinostroenie (USSR) n11 p5-8 1959.

NCH-207 420 Field 20M, 12A

Merzhanov, A. G.
PROBLEMS OF HEAT TRANSFER IN THEORY OF THERMAL EXPLOSION (Voprosy Teploobmena v Teorii Teplovogo Vzryva). Jun 66, 17p, 14refs. RTS-3276.
Order from NLL: 40s as RTS-3276

Trans. of mono. Vsesoyuznoe Soveschanie po Teplo-i Masso-Obmenu (no. 2), Minsk, 5-4 May 64. Paper, n.p., 1964 22p.
Proceedings of the All-Union Conference on Heat and Mass Transfer (no. 2), Minsk, 5-9 May 1964.

NCH-207 530 Field 20M, 11F

Filippov, L. P.; Tugareva, N. A.; Markina, L.I.
METHODS OF MEASURING SMALL HIGH-TEMPERATURE FLUCTUATIONS AND THEIR APPLICATION FOR THE DETERMINATION OF THE HEAT CAPACITY OF METALS (Sposoby Izmereniya Malykh Pulsatsii Vysokikh Temperatur i Ikh Ispolzovanie dlya Opredeleniya Teploemkosti Metallov). Jun 66, 8p, 6refs. RTS-3304.
Order from NLL: 12s 6d as RTS-3304

Trans. of Inzhenero-Fizicheskii Zhurnal (USSR) v7 n6 p3-7 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61522 Field 20M

Surinov, Yu. A.
ON SOME FUNDAMENTAL PROBLEMS OF THE THEORY OF RADIANT HEAT EXCHANGE. 1967, 36p, 12refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61522

Trans. of Universitet Druzhby Narodov, Moscow. Trudy (USSR) v12 p82-129 1965.

21 PROPULSION AND FUELS

B. Combustion and ignition

NCH-207 675 Field 21B

Pusch, W.; Wagner, G.
INFLUENCE OF THE TUBE DIAMETERS ON THE SPREADING OF A DETONATION IN EXPLOSIVE GAS MIXTURES. PT. I: INERT GAS AND TUBE DIAMETER INFLUENCE ON THE DETONATION LIMITS OF SEVERAL EXPLOSIVE GAS MIXTURES. 28 Nov 66, 20p. TC-2767.
Order from TC: $14.00 as TC-2767

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v69 n6 p503-13 1965.

D. Fuels

NCH-207 879 Field 21D

Karolyi, J.
OIL REFORMING CATALYSTS AND CATALYST POISONS I. 5 Dec 66, 15p. TC-3068.
Order from TC: $15.00 as TC-3068

Trans. of Magyar Kemikusok Lapja (Hungary) v21 n3 p135-40 1966.

22 SPACE TECHNOLOGY

No Entries

TRANSLATIONS IN PROCESS

ACTA BIOCHIMICA POLONICA, NO. 3-4, 1967.
Acta Biochimica Polonica, v14 n3; n4 1967.

ARCHIVES OF IMMUNOLOGY AND EXPERIMENTAL THERAPY, NO. 3-4, 1967.
Archivum Immunologiae et Therapiae Experimentalis (Poland) v15 n3; n4 1967.

EPIDEMIOLOGICAL REVIEW, NO. 3/4, 1967.
Przeglad Epidemiologiczny (Poland) n3-4 22p 1967.

EXPERIMENTAL MEDICINE AND MICROBIOLOGY, NO. 3-4, 1967.
Medycyna Doswiadczalna i Mikrobiologia (Poland) v19 n3; n4 1967.

INDIAN EDUCATIONAL MATERIAL, VOL. 1, NO. 2, 1966.
Annotated Quarterly Bibliography.

NO ENGLISH TITLE GIVEN.
Folia Morphologica (Poland) n3/4 225p 1967.

POLISH ENDOCRINOLOGY, NO. 4-6, 1967.
Endokrynologia Polska, v18 n4; n5; n6 1967.

POLISH MEDICAL JOURNAL, NO. 4-5, 1967.
Polish Medical Journal, v6 n4; n5; n6 1967.

POLISH PHARMACEUTICAL TRANSACTIONS, NO. 4-6, 1967.
Acta Poloniae Pharmaceutica, v24 n4; n5; n6 1967.

POLISH PHYSIOLOGY TRANSACTIONS, NO. 4-6, 1967.
Acta Physiologica Polonica, v18 n4; n5; n6 1967.

POLISH REVIEW OF RADIOLOGY AND NUCLEAR MEDICINE, NO. 4/6, 1967.
Polski Przeglad Radiologii Medycyny Nuklearnej, n4-6 337p 1967.

SELECTED BIBLIOGRAPHIES OF ISRAEL EDUCATIONAL MATERIAL. 1967.

SELECTED BIBLIOGRAPHIES OF YUGOSLAV EDUCATIONAL MATERIAL. 1967.

TRANSLATED or ABSTRACTED PUBLICATIONS

MAY 30, 1967

This List includes translations or abstracts prepared from journal sources covering one or more related subject areas. Entries preceded by a star indicate foreign publications announced for translating or abstracting by the publisher, but which may not yet be available.

Entries are arranged alphabetically by foreign title followed by the title of the translated journal. Cross-references from the English titles are interfiled in the List. A few entries do not have an English title.

The volume and issue number indicated in the entries refer to the foreign publication. However, publications containing selected translated articles taken from various foreign sources may carry their own volume number. Frequency of the publication indicated is that of the translated issues.

It should be noted that the Akademiya Nauk SSSR Doklady is published in the Soviet Union three times per month. The Russian volume consists of six issues containing articles on various scientific subjects. Of the many Doklady entries in this List, each contains translated articles on a given subject selected from several consecutive original Russian issues.

Availability of individual publications is indicated by an acronym of the ordering source. Acronyms are fully identified in the "Sources of Translated or Abstracted Publications" at the end of the List. Publications included as available from the Clearinghouse are listed in the main portion of TECHNICAL TRANSLATIONS as soon as the translated issue is received.

ABSTRACTS JOURNAL OF METALLURGY
See REFERATIVNYI ZHURNAL. METALLURGIYA

ABSTRACTS OF BULGARIAN SCIENTIFIC LITERATURE
(Issued in the following series in English:
1. Agriculture, Forestry, Veterinary Medicine (quarterly), 2. Biology and Medicine (quarterly), 3. Chemistry and Chemical Technology (semiannual), 4. Economics and Law (quarterly), 5. Geology and Geography (annual), 6. Philosophy and Pedagogics (annual).)
Publications begin with 1958, no. 1 -

Order from: TNTID

ABSTRACTS OF JAPANESE MEDICINE See
IGAKU CHUO ZASSHI

ABSTRACTS OF SOVIET MEDICINE See
MEDITSINSKII REFERATIVNYI ZHURNAL

ACTA BIOCHIMICA POLONICA
Translation begins with 1954, v. 1, no. 1 -
Quarterly
(1960, v. 7, is in process) Translation continues with 1961, v. 8, no. 1 -
Single issues $3.00.

Order from: CFSTI

ACTA CHIMICA SINICA See
HUA HSUEH HSUEH PAO

ACTA MATHEMATICA SINICA See
SHU HSUEH HSUEH PAO

ACTA MECHANICA SINICA See
LI HSUEH HSUEH PAO

ACTA MEDICA IUGOSLAVICA
Translation begins with 1962, v. 16, no. 1 -
3 or 4 issues per year
Single issues $3.00.

Order from: CFSTI

ACTA PHYSIOLOGICA POLONICA
Translation begins with 1962, v. 13, no. 1 -
Bimonthly
Single issues $3.00.

Order from: CFSTI

ACTA POLONIAE PHARMACEUTICA
(Polish Pharmaceutical Transactions)
Translation begins with 1963, v. 20 -
Bimonthly
Single issues $3.00.

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ADVANCES IN PHYSICAL SCIENCES See
USPEKHI FIZICHESKIKH NAUK

AIAA JOURNAL: RUSSIAN SUPPLEMENT
(Selected translated articles from Soviet sources and selected abstracts from translated Soviet journals)
Publication of Supplement in AIAA Journal begins with 1963, v. 1, no. 1 -
Monthly
Single issues of AIAA Journal $5.00.
(The Russian Supplement was a part of the ARS Journal from 1959, v. 29, no. 10 - 1962, v. 32, no. 12.)

Order from: AIAA $30.00/year for AIAA Journal

✱ AKADEMIYA MEDITSINSKIKH NAUK SSSR
(Medical Publishing Plan, Academy of Medical Sciences, USSR)
Translation of titles and abstracts of books announced for publication during the calendar year by 'Meditsina'.
Translation begins 1965 -
Annual

Order from: SIC $13.00/year

AKADEMIYA MEDITSINSKIKH NAUK SSSR. VESTNIK
(Vestnik of the USSR Academy of Medical Sciences)
Translation of 1964, v. 19, no. 1 -
Monthly
Single issues $3.00.
Translation of 1962-1963, v. 17-18, was called "Herald of the Academy of Medical Sciences." The following issues are available individually priced: 1962, v. 17, nos. 2,4,5,6; 1963, v. 18, nos. 1-8, 10-12.

Order from: CFSTI $15.00/year

AKADEMIYA NAUK SSSR. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U.R.S.S.
Translation begins with 1922 -
Old Series: Series A (Science Section)
1922-33, nos. 1-158 $180.00
Series B (Humanities Section)
1924-1931 $ 75.00
Both Series A and B are published for the most part in western languages.
New Series: 1933-1947, v. 1-56 (excluding v. 50) In English, French and German $1098.00
Certain volumes are individually priced.

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AKADEMIYA NAUK SSSR. DOKLADY
(Doklady Biochemistry)
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Bimonthly
1957, v. 112-117, available from PLPC, $65.00/year
1958-1961, v. 118-141, available in single issues $3.00 from CFSTI.
1962-1963, v. 142-153, included in Doklady Biological Sciences, $45.00/year from PLPC
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(Doklady Biological Sciences)
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1964, v. 154- issued as a separate journal

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(Doklady Botanical Sciences)
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Bimonthly
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issues $3.00 from CFSTI.
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1963, v. 148- ordered with Doklady
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(Doklady Chemistry)
Translation begins with 1956, v. 106, nos. 1-6-
Bimonthly
1956-1957, v. 106-117, $95.00/year;
1958-1962, v. 118-147, $110.00/year;
1963, v. 148- ordered with Doklady Chemical
Technology, $165.00/year

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AKADEMIYA NAUK SSSR. DOKLADY
(Doklady Oceanology Section) See
SOVIET OCEANOGRAPHY

AKADEMIYA NAUK SSSR. DOKLADY
(Doklady of the Academy of Sciences of the
USSR Earth Science Sections)
Translation begins with 1959, v. 124, nos. 1-6-
Bimonthly
1959-1961, v. 124-141, available from KP
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1962, v. 142- single issues $8.00

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(Proceedings of the Academy of Sciences of the
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Translation of 1956, v. 106-111.
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AKADEMIYA NAUK SSSR. DOKLADY
(Proceedings of the Academy of Sciences of the
USSR. Applied Physics Section)
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(Proceedings of the Academy of Sciences of the
USSR. Geochemistry Section)
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1966, v. 166-

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AKADEMIYA NAUK SSSR. DOKLADY
(Soviet Physics - Doklady)
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AKADEMIYA NAUK SSSR. GEOFIZICHESKII INSTITUT. TRUDY
(Soviet Research in Geophysics)
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AKADEMIYA NAUK SSSR. IZVESTIYA. FIZIKI ATMOSFERY I OKEANA
(Izvestiya, Atmospheric and Oceanic Physics)
Translation begins with 1965, no. 1-
Monthly
The information contained in this journal was formerly included in "Izvestiya Akademii Nauk SSSR. Seriya Geofizicheskaya."

Order from: AGU $60.00/year

*AKADEMIYA NAUK SSSR. IZVESTIYA. FIZIKA ZEMLI
(Izvestiya, Physics of the Solid Earth)
Translation begins with 1965, no. 1-
Monthly
The information contained in this journal was formerly included in "Izvestiya Akademii Nauk SSSR. Seriya Geofizicheskaya."

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*AKADEMIYA NAUK SSSR. IZVESTIYA. MEKHANIKA ZHIDKOSTI I GAZA
(Soviet Fluid Mechanics)
Translation begins with 1966, v. 1, no. 1-
Bimonthly

Order from: FP $160.00/year

AKADEMIYA NAUK SSSR. IZVESTIYA. METALLY
(Russian Metallurgy)
Selected articles; articles not translated are abstracted.
Translation begins with 1965, no. 1-
Bimonthly
The Russian journal for 1963-1964 was called "Izvestiya Akademii Nauk SSSR. Metallurgiya i Gornoe Delo". The translated journal, titled "Russian Metallurgy and Mining" is available from SIC, bimonthly $68.00/year.
The Russian journal, beginning with 1959, no. 1, was called "Izvestiya Akademii Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Metallurgiya i Toplivo." The 1960 and 1962 issues have been translated as "Russian Metallurgy and Fuels."
The 1960 issues are available from ETP, $45.00/year.
The 1962 issues are available from SIC, $68.00/year.

Order from: SIC $68.00/year

AKADEMIYA NAUK SSSR. IZVESTIYA. NEORGANICHESKIE MATERIALY
(Inorganic Materials)
Translation begins with 1965, no. 1-
Monthly

Order from: PLPC $150.00/year

AKADEMIYA NAUK SSSR. IZVESTIYA. SERIYA FIZICHESKAYA
(Bulletin of the Academy of Sciences of the USSR. Physical Series)
Translation begins with 1954, v. 18, no. 3-
Monthly
Single issues $25.00

Order from: CTT $245.00/year

AKADEMIYA NAUK SSSR. IZVESTIYA. SERIYA GEOFIZICHESKAYA
(Bulletin (Izvestiya) Academy of Sciences, USSR. Geophysics Series)
Translation of 1957-1964.
Monthly
Single issues $7.50.
Starting with 1965, the publication was divided into two separate journals to be known as "Izvestiya Akademii Nauk SSSR. Seriya Fiziki Atmosfery i Okeana" and "Izvestiya Akademii Nauk SSSR. Seriya Fiziki Zemli."

Order from: AGU $75.00/year

AKADEMIYA NAUK SSSR. IZVESTIYA. SERIYA GEOLOGICHESKAYA
(Izvestiya of the Academy of Sciences of the USSR Geologic Series)
Translation begins with 1958, v. 23, no. 1-
Full translation published 1958-1961, v. 23-26; available from KP, $20.00/volume, $2.00/issue
Starting with 1962, v. 27, while the whole Russian journal is being translated, selected papers only are published in International Geology Review (IGR). Papers not published in IGR can be obtained at 15 cents/page, photocopy, from: AGI

AKADEMIYA NAUK SSSR. IZVESTIYA. SERIYA KHIMICHESKAYA
(Bulletin of the Academy of Sciences, USSR. Division of Chemical Science)
Translation begins with 1952, no. 1-
Monthly
1952-1955, $80.00/year; 1956, $160.00; 1957-1959, $45.00/year; 1960, $80.00; 1961-1962, $120.00/year.
1963-
(Beginning with 1963, no. 7, the Soviet journal changed its name from "Izvestiya Akademii Nauk SSSR. Otdelenie Khimicheskikh Nauk" to the title given above).
Single issues $30.00.

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AKADEMIYA NAUK SSSR. IZVESTIYA. TEKHNICHESKAYA KIBERNETIKA
(Technical Cybernetics)
Translation begins with 1963, no. 1-
Bimonthly
Single issues $3.00.
(Another translation, titled "Engineering Cybernetics," is available from IEEE, beginning with 1963, no. 1- Bimonthly; 1963-1964, $28.50/year, 1965- $40.00/year)
(Beginning with 1963, no. 4, the Soviet journal changed its name from "Izvestiya Akademii Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Tekhnicheskaya Kibernetika" to the title given above.)

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(Publishing Plan, Academy of Sciences, USSR)
Listing in English, by subject matter, of scientific and technical books and symposia scheduled for publication during the calendar year by the Soviet Academy of Sciences and its Siberian Division.
Translation begins 1964-
Annual

Order from: SIC $10.00/1964
$13.00/1965

AKADEMIYA NAUK SSSR. TRUDY MORSKOGO GIDROFICHESKOGO INSTITUTA See SOVIET OCEANOGRAPHY

AKADEMIYA NAUK SSSR. VESTNIK.
(Vestnik of the USSR Academy of Sciences)
Translation begins with 1966, v. 36, no. 1-
Monthly
Single issues $3.00.

Order from: CFSTI $30.00/year

AKUSTICHESKII ZHURNAL
(Soviet Physics - Acoustics)
Translation begins with 1955, v. 1, no. 1-
Quarterly
1964, v. 10, no. 1-
Single issues $6.00.

Order from: AIP $20.00/year

AMERICAN MATHEMATICAL SOCIETY TRANSLATIONS
(Selected translated articles, primarily from Soviet sources)
Publication begins with 1949-
Series I, 1949-1954, v. 1-11, $5.00/volume.
Series II, 1955-1964, v. 1-43, 1965, v. 44-54, single volumes individually priced.

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(Selected translated articles)
Publication begins with 1965, v. 1, no. 1-
Bimonthly

Order from: IASP $35.00/year

ANGEWANDTE CHEMIE
(International Edition in English)
Translation begins with 1962, v. 74, no. 1-
Monthly
Publication for 1962-1964, v. 74-76, contained selected articles only; starting with 1965, v. 77, the journal is translated cover-to-cover
1962, v. 74, $15.00; 1963-1965, v. 75-77, $20.00/volume
1966, v. 78-
Single issues $3.00.

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ANNALS OF CHEMISTRY See ROCZNIKI CHEMII

ANTHROPOLOGY OF THE NORTH
(Selected translated articles from Soviet sources)
Publication begins with 1961, v. 1-
1961, v. 1, $3.00; 1962, v. 2, $3.50;
1963, v. 3, $3.50; 1963, v. 4, $3.25;
1964, v. 5, $6.50; 1964, v. 6, $6.00.

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Translation of 1959, v. 4.
Bimonthly

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ARCHIVUM IMMUNOLOGIAE ET THERAPIAE EXPERIMENTALIS
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Quarterly 1962-1963; bimonthly 1964-
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Quarterly

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(Translations and abstracts, primarily from Soviet sources; some translations are in English and others in French).
Publication of 1948-1961, nos. 37-109.

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(Soviet Astronomy - AJ)
Translation begins with 1957, v. 34, no. 1-
Bimonthly
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ASTROFIZIKA

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(Soviet Atomic Energy)
Translation begins with 1956, v. 1, no. 1-
Bimonthly
1956, v. 1 and 1957-1962, v. 2-13, $75.00/year
1963, v. 14-
(Selected translated articles from Atomnaya Energiya have been included in the "Journal of Nuclear Energy" beginning with 1956, available from PP).
(Another translation of selected articles in French, titled "Energie Atomique" begins with 1963, v. 14, no. 1- available from CEA , 150F/year.)
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AUTOMATION AND REMOTE CONTROL See
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(Abstracts of articles from various Soviet journals)
Publication begins with 1958, v. 1, no. 1-
10 issues per volume 1958-1965; monthly 1966-
New series began with 1965, v. 7, no. 8 expanding the scope of this journal.
1958-1965, v. 1-7, $57.50/year
1966, v. 8-

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(Automatic Welding)
Translation begins with 1959, v. 12, no. 1-
Monthly

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(Automation and Remote Control)
Translation begins with 1956, v. 17, no. 1-
Monthly
1956, v. 17, available from PLPC, single issues $30.00, single article reprints, $12.50.
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BIOKHIMIYA

BIOFIZIKA
(Biophysics)
Translation begins with 1957, v. 2, no. 1-
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1963, v. 8-

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Translation begins with 1956, v. 21, no. 1-
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1963, v. 28-

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SERIYA KHIMICHESKAYA

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THE USSR. PHYSICAL SERIES See
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FIZICHESKAYA

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ISTRAZIVANJA

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RESEARCH. GEOLOGICAL SECTION See
MOSKOVSKOE OBSHCHESTVO ISPYTATELEI
PRIRODY. BYULLETEN. OTDEL GEOLOGICHESKII

BYULLETEN EKSPERIMENTALNOI BIOLOGII
I MEDITSINY
(Bulletin of Experimental Biology and Medicine)
Translation begins with 1956, v. 41, no. 1-
Monthly
1956-1961, v. 41-52, $20.00/year
1962, v. 53-
Single issues $30.00

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Chemistry and Allied Subjects)
Translation of 1961, v. 38, no. 1 - 1962
v. 39, no. 2.
Semimonthly

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Translation of 1959-1960, v. 36-37.
Monthly

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(Russian Patents Abstracts)
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Part 2: Chemistry and Chemical Engineering
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Monthly
(Some issues of the journal were called
"Russian Patents Gazette")

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(USSR Official Bulletin of Patents and Inventions)
Translation of 1961, v. 38, no. 1 - 1962, v. 39, no. 2.
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(Soviet Inventions Illustrated)
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Monthly
(Beginning with 1963, v. 40, no. 1- the Russian
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* CZECHOSLOVAK ENGINEERING SCIENCES ABSTRACTS
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Monthly

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(Abstracts of articles from various Soviet journals)
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New series began with 1965, v. 7, no. 8 expanding the scope of this journal.
1958-1965, v. 1-7, $57.50/year.
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(Applied Electrical Phenomena)
Translation begins with 1965, no. 1-
Bimonthly
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ELEKROSVYAZ AND RADIOTEKHNIKA

ELEKTROSVYAZ AND RADIOTEKHNIKA
(Telecommunications and Radio Engineering)
Translation of the two journals combined begins with 1963-
Monthly
Before 1963 the translated journals were published separately:
1. Elektrosvyaz
   Translation of 1961-1962, v. 15-16, was called "Telecommunications," $14.25/year
2. Radiotekhnika
   Translation of 1957-1962, v. 12-17, was called "Radio Engineering," $14.25/year.

Order from: IEEE $75.00/year

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(Soviet Electrical Engineering)
Translation begins with 1965, v. 36, no. 1-
Monthly

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Selected articles
Translation begins with 1962, v. 13, nos. 1-6-
Annual 1962; 3 issues per annum 1963-
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ENGINEERING JOURNAL See
INZHENERNYI ZHURNAL

ENTOMOLOGICAL REVIEW See
ENTOMOLOGICHESKOE OBOZRENIE

ENTOMOLOGICHESKOE OBOZRENIE
(Entomological Review)
Translation begins with 1958, v. 37, no. 1-
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1958-1961, v. 37-40, available in single issues $3.00 from CFSTI.
1962, v. 41-

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(Soviet Physics - Semiconductors)
Translation begins with 1967-
Monthly

Order from: AIP

FIZIKA METALLOV I METALLOVEDENIE
(The Physics of Metals and Metallography)
Translation begins with 1957, v. 4, no. 1-
Monthly
1957-1962, v. 4-14, $24.00/volume;
1963, v. 15-16, $26.00/volume
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Monthly
1964, v. 6, no. 1- Single issues, $9.00.

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(Soviet Materials Science)
Translation begins with 1965, v. 1, no. 1-
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RADIOTEKHNIKA

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RADIOFIZIKA

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OBSHCHESTVO. ZHURNAL

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METALLOVEDENIE I TERMICHESKAYA
OBRABOTKA METALLOV

METALLOVEDENIE I TERMICHESKAYA
OBRABOTKA METALLOV
(Metal Science and Heat Treatment)
Translation begins with 1959, no. 1-
Bimonthly
1959-1964, $24.00/year
1965-

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METALLURG
(Metallurgist)
Translation begins with 1957, v. 2, nos. 1-2-
Bimonthly
1957-1958, v. 2-3, $95.00/year;
1959-1964, v. 4-9, $25.00/year
1965, v. 10-

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METALLURGIST See
METALLURG

METEORITICA See
METEORITIKA

METEORITIKA
(Meteoritica)
Translation begins with 1963, v. 23-

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Make checks payable to Taurus Press, Inc.

MIKROBIOLOGIYA
(Microbiology)
Translation begins with 1957, v. 26, no. 1-
Bimonthly
1957-1961, v. 26-30, available in single issues
$3.00 from CFSTI
1962, 1963, v. 31-32, $20.00/volume
1964, v. 33-, single issues $30.00, single
article reprints $15.00.

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MICROBIOLOGY See
MIKROBIOLOGIYA

MILITARY HERALD See
VOENNYI VESTNIK

MILITARY MEDICAL JOURNAL See
VOENNO-MEDITSINSKII ZHURNAL

MINING AND METALLURGY QUARTERLY See
RUDARSKO-METALURSKI ZBORNIK

MOLECULAR BIOLOGY See
MOLEKULYARNAYA BIOLOGIYA

MOLEKULYARNAYA BIOLOGIYA
(Molecular Biology)
Translation begins with 1967-
Bimonthly
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✱ MOSCOW UNIV. VESTNIK. SERIYA 2: KHIMIYA
(Moscow University Chemistry Bulletin)
Translation begins with 1966, v. 21, no. 1-
Bimonthly

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✱ MOSCOW UNIV. VESTNIK. SERIYA 3: FIZIKA,
ASTRONOMIYA
(Moscow University Bulletin. Physics and Astronomy)
Translation begins with 1965, v. 20, no. 1-
Bimonthly
Single issues $15.00.
✱ (Another translation, titled "Moscow University
Physics Bulletin" has been announced by FP,
to begin with 1966, v. 21, no. 1- bimonthly,
$110.00/year)

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ASTRONOMY See
MOSCOW UNIV. VESTNIK. SERIYA 3: FIZIKA,
ASTRONOMIYA

MOSCOW UNIVERSITY CHEMISTRY BULLETIN See
MOSCOW UNIV. VESTNIK. SERIYA 2: KHIMIYA

MOSCOW UNIVERSITY PHYSICS BULLETIN See
MOSCOW UNIV. VESTNIK. SERIYA 3: FIZIKA,
ASTRONOMIYA

MOSKOVSKOE MATEMATICHESKOE
OBSHCHESTVO. TRUDY
(Transactions of the Moscow Mathematical Society)
Translation begins with 1963, v. 12-
Annual
1963, v. 12, $5.30.

Order from: AMS

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI
PRIRODY. BYULLETEN. OTDEL GEOLOGICHESKII
(Bulletin of the Moscow Society for Natural
Research. Geological Section)
Translation begins with 1956, v. 31, nos. 1-3-
Semiannual
Single issues $3.00.

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NAUCHNO-TEKHNICHESKAYA INFORMATSIYA
(Scientific-Technical Information)
Translation begins with 1966, no. 1-
Monthly
Single issues $3.00.

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(Petroleum Chemistry USSR)
Selected articles
Translation begins with 1961, v. 1, no. 1-
Quarterly
1961-1962, v. 1-2, $85.00/volume;
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1963, v. 3- Single issues $45.00

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ZAVEDENII. RADIOFIZIKA

NONFERROUS METALLURGY See
IZVESTIYA VYSSHIKH UCHEBNYKH
ZAVEDENII. TSVETNAYA METALLURGIYA

NOVYE KNIGI SSSR
(Index to Forthcoming Russian Books,
Life Sciences)
(Index to Forthcoming Russian Books,
Technical Sciences)
Two separate publications containing listings by subject categories of translated bibliographic entries of new Russian books in preparation, or published, appearing in the weekly publication Novye Knigi SSSR.
Translation of 1965, no. 1-
Index to Forthcoming Russian Books,
Life Sciences,
Bimonthly $24.00/year
(Issues for 1964 were titled "Forthcoming Russian Books, Life Sciences", $24.00/year)
Index to Forthcoming Russian Books,
Technical Sciences,
Monthly $45.00/year
(Issues for 1964 were titled "Forthcoming Russian Books, Technical Sciences", $45.00/year).

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NUCLEAR FUSION
(Translation of non-English articles taken from the international journal "Nuclear Fusion" published by IAEA)
Translation begins with 1965, v. 5, no. 1-
Quarterly
Single issues $3.00.

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NUCLEONICS See
NUKLEONIKA

NUKLEONIKA
(Nucleonics)
Translation begins with 1957, v. 2, no. 1-
Irregular 1957-1964; monthly 1965-
1957-1960, v. 2-5, selected articles only; beginning with 1961, v. 6, no. 1- it is being translated cover-to-cover.
Issues for 1963-1964, v. 8-9, are in process.
Translation continues with 1965, v. 10-
Single issues $3.00.

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OKEANOLOGIYA

OGNEUPORY
(Refractories)
Translation begins with 1960, v. 25, nos. 1-2-
Bimonthly
1960-1964, v. 25-29, $16.00/year
1965, v. 30-

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OKEANOLOGIYA
(Oceanology)
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OPTIKA I SPEKTROSKOPIYA
(Optics and Spectroscopy)
Translation begins with 1959, v. 6, no. 1-
Monthly
1959-1965, v. 6-19, single issues $3.00.
1966, v. 20-

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(Soil Mechanics and Foundation Engineering)
Translation begins with 1965, v. 7, no. 1-
Bimonthly

Order from: PLPC $75.00/year

OYO BUTSURI
(Japanese Journal of Applied Physics in English)
Translation begins with 1962, v. 31, no. 1-
Monthly

Order from: UT $10.00/year

PALEONTOLOGICAL JOURNAL See
PALEONTOLOGICHESKII ZHURNAL

PALEONTOLOGICHESKII ZHURNAL
(Paleontological Journal)
Translation begins with 1962, no. 1-
The whole Russian journal is being translated. However, selected papers only are published in International GeologyReview (IGR). Papers not published in IGR can be obtained at 15 cents/page, photocopy, from: AGI

PAVLOV JOURNAL OF HIGHER NERVOUS ACTIVITY See
ZHURNAL VYSSHEI NERVNOI DEYATELNOSTI

PETROLEUM CHEMISTRY USSR See
NEFTEKHIMIYA

PETROLEUM GEOLOGY See
GEOLOGIYA NEFTI I GAZA

PHARMACEUTICS See
APTECHNOE DELO

PHARMACOLOGY AND TOXICOLOGY See
FARMAKOLOGIYA I TOKSIKOLOGIYA

PHYSICS EXPRESS
(Abstracts of articles from various Soviet journals)
Publication begins with 1958, v. 1, no. 1-
10 issues per volume 1958-1965; monthly 1966-
New series began with 1965, v. 7, no. 8
expanding the scope of this journal.
1958-1965, v. 1-7, $57.50/year
1966, v. 8-

Order from: IPI $325.00/year

PHYSICS OF METALS AND METALLOGRAPHY See
FIZIKA METALLOV I METALLOVEDENIE

PLANT PHYSIOLOGY See
FIZIOLOGIYA RASTENII

PLASTICHESKIE MASSY
(Soviet Plastics)
Translation begins with 1960, no. 7-
Monthly

Order from: RTP $54.00/year

POCHVOVEDENIE
(Soviet Soil Science)
Translation begins with 1958, no. 1-
Monthly
1958-1961, available from CFSTI, single issues $3.00.
1962-1963, available from ST, $40.00/year to
individuals, $20.00/year to non-profit
organizations.
1964, no. 1-
(1962, no. 13 and 1964, no. 13 issues of this journal
are supplements, titled "Doklady Soil Science
Sections," containing selected articles from
several Soviet journals).

Order from: SSSA $40.00/year
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POLISH TECHNICAL ABSTRACTS

POLISH ENDOCRINOLOGY See
ENDOKRYNOLOGIA POLSKA

POLISH MEDICAL JOURNAL
(Selected translated articles)
Translation begins with 1962, v. 1, no. 1-
Bimonthly
Single issues $3.00.

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POLISH PHARMACEUTICAL TRANSACTIONS See
ACTA POLNIAE PHARMACEUTICA

POLISH REVIEW OF RADIOLOGY AND NUCLEAR
MEDICINE See
POLSKI PRZEGLAD RADIOLOGII I
MEDYCYNY NUKLEARNEJ

POLISH TECHNICAL ABSTRACTS
(In English)
Publication begins with 1951, no. 1-
Quarterly
(Beginning with 1964, this journal includes
an insert titled "Polish Economic Abstracts.")

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POLSKI PRZEGLAD RADIOLOGII I MEDYCYNY
NUKLEARNEJ
(Polish Review of Radiology and Nuclear
Medicine)
Translation begins with 1963, v. 27, no. 1-
Bimonthly
Single issues $3.00.

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POLYMER MECHANICS See
MEKHANIKA POLIMEROV

POLYMER SCIENCE U.S.S.R. See
VYSOKOMOLEKULYARNYE SOEDINENIYA

POROSHKOVAYA METALLURGIYA
(Soviet Powder Metallurgy and Metal Ceramics)
Translation begins with 1962, v. 2, no. 1-
Bimonthly through 1964; monthly, 1965-
1962-1964, v. 2-4, $80.00/year
1965, v. 5-

Order from: PLPC $125.00/year

POWER EXPRESS
(Abstracts of articles from various Soviet
journals)
Publication begins with 1961, v. 1, no. 1-
10 issues per volume 1961-1965; monthly 1966-
New series began with 1965, v. 4, no. 6
expanding the scope of this journal.
1961-1965, v. 1-4, $57.50/year
1966, v. 5-

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(Instrument Construction)
Translation begins with 1959, v. 4, no. 1-
Monthly
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(Instruments and Experimental Techniques)
Translation begins with 1958, no. 1-
Bimonthly
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(Applied Biochemistry and Microbiology)
Translation begins with 1965, v. 1, no. 1-
Bimonthly

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PRIKLADNAYA MATEMATIKA I MEKHANIKA
(Journal of Applied Mathematics and Mechanics)
Translation begins with 1958, v. 22, no. 1-
Bimonthly
1958-1962, v. 22-26, $45.00/volume; 1963, v. 27, $60.00/volume, single issues $9.00
1964, v. 28- Single issues $15.00

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* PRIKLADNAYA MEKHANIKA
(Soviet Applied Mechanics)
Translation begins with 1966, v. 2, no. 1-
Monthly

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PROBLEMS OF COSMOGONY See
VOPROSY KOSMOGONII

PROBLEMS OF CYBERNETICS See
PROBLEMY KIBERNETIKI

PROBLEMS OF ECONOMICS
(Volume 1 of this journal is a cover-to-cover translation of "Voprosy Ekonomiki."
Publication of selected translated articles from various Soviet journals begins with 1959, v. 2, no. 1-
Monthly
1959-1962, v. 2-5, $75.00/year
1963, v. 6-

Order from: IASP $50.00/year

PROBLEMS OF ECONOMICS See also
VOPROSY EKONOMIKI

PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION See
PROBLEMY GEMATOLOGII I PERELIVANIYA KROVI

PROBLEMS OF INFORMATION TRANSMISSION See
PROBLEMY PEREDACHI INFORMATSII

PROBLEMS OF ONCOLOGY See
VOPROSY ONKOLOGII

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VOPROSY PSIKHOLOGII

PROBLEMS OF THE NORTH See
PROBLEMY SEVERA

PROBLEMS OF VIROLOGY See
VOPROSY VIRUSOLOGII

PROBLEMY GEMATOLOGII I PERELIVANIYA KROVI
(Problems of Hematology and Blood Transfusion)
Translation of 1957-1961, v. 2-6.
Monthly
Single issues $9.00.

Order from: PP $42.00/volume

PROBLEMY KIBERNETIKI
(Problems of Cybernetics)
Translation begins with 1959, no. 1-
Irregular
Single issues $30.00.
(Another translation is available from CFSTI, beginning with 1962, no. 7- $35.00/year, single issues $3.00).

Order from: PP $60.00/year

PROBLEMY PEREDACHI INFORMATSII
(Problems of Information Transmission)
Translation begins with 1965, v. 1, no. 1-
Quarterly
(Another translation is available from CFSTI, beginning with 1966, v. 2- quarterly, $12.00/year, single issues $3.00).

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PROBLEMY SEVERA
(Problems of the North)
Translation begins with 1958, no. 1-
Irregular
1958, no. 1, available in single article reprints only, $1.00/each; 1959, nos. 2, 3, 1961, no. 4, 1962, no. 6, 1963, nos. 5, 7, 1964, no. 8, single issues $7.00

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AKADEMIYA NAUK SSSR. DOKLADY

PROCEEDINGS OF THE ACADEMY OF SCIENCES OF THE USSR. APPLIED PHYSICS SECTION See
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PROCEEDINGS OF THE ACADEMY OF SCIENCES OF THE USSR. GEOCHEMISTRY SECTION See
AKADEMIYA NAUK SSSR. DOKLADY

PROCEEDINGS OF THE ACADEMY OF SCIENCES OF THE USSR. GEOLOGICAL SCIENCES SECTION See
AKADEMIYA NAUK SSSR. DOKLADY

PROSPECTION ET PROTECTION DU SOUS-SOL; IN FRENCH See
RAZVEDKA I OKHRANA NEDR

PROTECTION OF METALS See
ZASHCHITA METALLOV

PRZEGLAD EPIDEMIOLOGICZNY
(Epidemiological Review)
Translation begins with 1963, v. 17-
Semiannual
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PUBLISHING PLAN, ACADEMY OF SCIENCES, USSR See
AKADEMIYA NAUK SSSR. TEMATICHESKII PLAN

RADIOBIOLOGIYA
(Radiobiology)
Translation begins with 1961, v. 1-
Bimonthly
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RADIOKHIMIYA

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RADIO ENGINEERING See
ELEKTROSVYAZ AND RADIOTEKHNIKA

RADIO ENGINEERING AND ELECTRONICS See
RADIOTEKHNIKA I ELEKTRONIKA

RADIOKHIMIYA
(Soviet Radiochemistry)
Translation of 1962, v. 4, no. 1-
Bimonthly
(1960-1961, v. 2-3, titled "Radiochemistry", available from CFSTI, $3.00 - two numbers; single numbers not available)
(Another translation in French, titled "Radiochimie" begins with 1965, v. 7, no. 1- available from CNRS, bimonthly, F 150/year)

Order from: PLPC $95.00/year

RADIOTEKHNIKA See
ELEKTROSVYAZ AND RADIOTEKHNIKA

RADIOTEKHNIKA I ELEKTRONIKA
(Radio Engineering and Electronic Physics)
Translation begins with 1961, v. 6, no. 1-
Monthly
(Another translation, titled "Radio Engineering and Electronics," is available from PP, as follows : 1957-1960, v. 2-5; 1961, v. 6, nos. 1-7 only; $63.00/volume, single issues $9.00).

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RAZVEDKA I OKHRANA NEDR
(Prospection et Protection du Sous-Sol; in French)
Translation of 1959-1962.
Monthly
Single issues F-4.

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SNABZHENIE SOVETSKIKH VOORUZHENNYKH SIL

RED FLAG See HUNG CH'I

REFERATIVNYI ZHURNAL. MATEMATIKA. TEORETICHESKAYA KIBERNETIKA See
REFERATIVNYI ZHURNAL. KIBERNETIKA

REFERATIVNYI ZHURNAL. KIBERNETIKA
(Cybernetics Abstracts)
Translation begins with 1965, no. 1-
Monthly
The Russian journal for 1964 was called REFERATIVNYI ZHURNAL. MATEMATIKA. TEORETICHESKAYA KIBERNETIKA. The title of the English translation was "Theoretical Cybernetics Abstracts" available from SIC $135.00/year. Beginning with 1965, no. 1, a new section titled "Tekhnicheskaya Kibernetika" was added to the Russian journal and the name of the journal was changed to the title given above.

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REFERATIVNYI ZHURNAL. MEKHANIKA
(Soviet Abstracts: Mechanics)
Translation begins with 1956, v. 4, no. 1-
Monthly

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REFERATIVNYI ZHURNAL. METALLURGIYA
(The Abstracts Journal of Metallurgy)
Issued in English as separate publications containing selected abstracts from the Soviet journal.
Part A. The Science of Metals
Translation begins with 1957, no. 1-
Bimonthly
Single issues $4.50. $28.00/year
Part B. The Technology of Metals
Translation begins with 1958, no. 1-
Monthly
Single issues $9.00. $80.00/year

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REFRACTORIES See
OGNEUPORY

REVIEW OF CZECHOSLOVAK MEDICINE
(Selected translated articles in English from Czech journals)
Publication begins with 1955, no. 1-
Quarterly

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(Annals of Chemistry)
Translation of 1959-1960, v. 33-34.
Bimonthly
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(Issued in the following series in English:
1. Natural Sciences, 2. Social Sciences)
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Monthly

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(Mining and Metallurgy Quarterly)
Translation begins with 1962, no. 1-
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LITEINOE PROIZVODSTVO

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VESTNIK MASHINOSTROENIYA

RUSSIAN JOURNAL OF INORGANIC CHEMISTRY See
ZHURNAL NEORGANICHESKOI KHIMII

RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY See
ZHURNAL FIZICHESKOI KHIMII

RUSSIAN MATHEMATICAL SURVEYS See
USPEKHI MATEMATICHESKIKH NAUK

RUSSIAN METALLURGY See
AKADEMIYA NAUK SSSR. IZVESTIYA. METALLY

RUSSIAN METALLURGY AND FUELS See
AKADEMIYA NAUK SSSR. IZVESTIYA. METALLY

RUSSIAN METALLURGY AND MINING See
AKADEMIYA NAUK SSSR. IZVESTIYA. METALLY

RUSSIAN PATENT BULLETIN: CHEMISTRY
AND FUELS See
BYULLETEN IZOBRETENII

RUSSIAN PATENTS ABSTRACTS See
BYULLETEN IZOBRETENII

RUSSIAN PATENTS GAZETTE See
BYULLETEN IZOBRETENII

RUSSIAN REVIEW OF BIOLOGY See
USPEKMI SOVREMENNOI BIOLOGII

RUSSIAN PHYSICS QUARTERLY
(A source book in Soviet experiment and theory)
Publication of 1963-1965, v. 1-2.
Single issues $35.00.

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SCIENCE OF METALS See
REFERATIVNYI ZHURNAL. METALLURGIYA

SCIENCE PERIODICALS FROM MAINLAND CHINA
(Tables of Contents in English)
(Publication begins with 1965, v. 1, no. 1-
Quarterly
1965, v. 1, $3.00/year
1966, v. 2-
Single issues $1.00.

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NAUCHNO-TEKHNICHESKAYA INFORMATSIYA

SECHENOV PHYSIOLOGICAL JOURNAL OF
THE U.S.S.R. See
FIZIOLOGICHESKII ZHURNAL SSSR

SELECTED TRANSLATIONS IN MATHEMATICAL
STATISTICS AND PROBABILITY
(Selected articles, translated chiefly from
Soviet sources)
Publication begins with 1961, v. 1-
1961, v. 1, $9.40; 1962, v. 2, $7.70; 1963, v. 3,
$10.60; 1963, v. 4, $11.80; 1965, v. 5, $11.60

Order from: AMS

SHU HSUEH HSUEH PAO
(Acta Mathematica Sinica)
Translation begins with 1960, v. 10, no. 1-
1960-1963, v. 10-13 (4 nos. each), $30.00/year
1964, v. 14, nos. 1-4, $30.00
1964, v. 14, nos. 5-6 and 1965, v. 15, nos. 1-6
published in two volumes (4 nos. per volume)
$30.00/4 nos.
1966, v. 16-
Single issues $11.00.

Order from: AMS

SIBIRSKII MATEMATCHESKII ZHURNAL
(Siberian Mathematical Journal of the
Academy of Sciences of the USSR, Novosibirsk)
Translation begins with 1966, v. 7, no. 1-
Bimonthly
Single issues $30.00.

Order from: PLPC $150.00/year

SIBERIAN MATHEMATICAL JOURNAL
OF THE ACADEMY OF SCIENCES OF
THE USSR, NOVOSIBIRSK See
SIBIRSKII MATEMATCHESKII ZHURNAL

SINTEZY GETEROTSIKLICHESKIKH SOEDINENII
(Syntheses of Heterocyclic Compounds)
Translation of 1956-1957, v. 1-2 and 1958-1959, v. 3-4.
Single volumes not available.

Order from: PLPC $6.00/two volumes

SINTEZY ORGANICHESKIKH SOEDINENII
(Synthesen organischer Verbindungen)
Translation begins with 1957, v. 1-
1957, v. 1, DM 16; v. 2, DM 17

Order from: PV

SOIL MECHANICS AND FOUNDATION ENGINEERING See
OSNOVANIYA FUNDAMENTY I MEKHANIKA GRUNTOV

SOVIET GENETICS See
GENETIKA

SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIYA. INFORMATSIONNYI BYULLETEN
(Soviet Antarctic Expedition Information Bulletin)
Translation of v. 4 in English begins with 1961, no. 31-
Bimonthly
1958-1961, nos. 1-30, issued in English as v. 1-3 (10 nos. each), titled "Soviet Antarctic Expedition," are available from AEP; single volumes individually priced.
Subsequent volumes available from AGU: 1961-1963, nos. 31-42, issued in English as v. 4, $36.00/volume; 1963, nos. 43-44-
Single issues (2 nos. each) $7.50.

Order from: AGU $36.00/volume

SOVETSKAYA GEOLOGIYA
(Soviet Geology)
Translation begins with 1960, no. 1-
The whole Russian journal is being translated. However, selected papers only are published in International Geology Review (IGR). Papers not published in IGR can be obtained at 15 cents/page, photocopy, from: AGI.

SOVETSKAYA PEDAGOGIKA
(Soviet Education)
Translation of 1958, v. 22, no. 9 - 1959, v. 23, no. 8.
Monthly
(Selected translated articles from later issues are incorporated in the journal "Soviet Education," 1959, v. 2- . See same)

Order from: IASP $70.00/year

SOVETSKOE ZDRAVOOKHRANENIE
(Soviet Public Health)
Translation begins with 1966, v. 25, no. 1-
Monthly
Single issues $3.00.

Order from: CFSTI $18.00/year

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REFERATIVNYI ZHURNAL. MEKHANIKA

SOVIET AERONAUTICS See
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. AVIATSIONNAYA TEKHNIKA

SOVIET ANTARCTIC EXPEDITION INFORMATION BULLETIN See
SOVETSKAYA ANTARKTICHESKAYA EKSPEDITSIYA. INFORMATSIONNYI BYULLETEN

SOVIET ANTHROPOLOGY AND ARCHEOLOGY
(Selected translated articles from Soviet journals)
Publication begins with 1962, v. 1, no. 1-
Quarterly

Order from: IASP $35.00/year

SOVIET APPLIED MECHANICS See
PRIKLADNAYA MEKHANIKA

SOVIET ASTRONOMY - AJ See
ASTRONOMICHESKII ZHURNAL

SOVIET ATOMIC ENERGY See
ATOMNAYA ENERGIYA

SOVIET AUTOMETRY See
AVTOMETRIYA

SOVIET DEFECTOSCOPY; A JOURNAL OF NONDESTRUCTIVE TESTING See
DEFEKTOSKOPIYA

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AGU
American Geophysical Union
Suite 506, 1145 19th Street, N. W.
Washington, D. C. 20036

AIAA
American Institute of Aeronautics and Astronautics
1290 Avenue of the Americas
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AINA
Arctic Institute of North America
1619 New Hampshire Avenue, N. W.
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American Institute of Physics
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American Mathematical Society
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The British Cast Iron Research Association
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Birmingham, England

BISI
British Iron and Steel Industry Translation Service
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4, Grosvenor Gardens
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BRGGM
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